



40 Media Representatives Visited Ayer Hitam Forest

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Penyelidik UPM Menang 11 Pingat di USA

Oleh Shuriati Ab Rahim

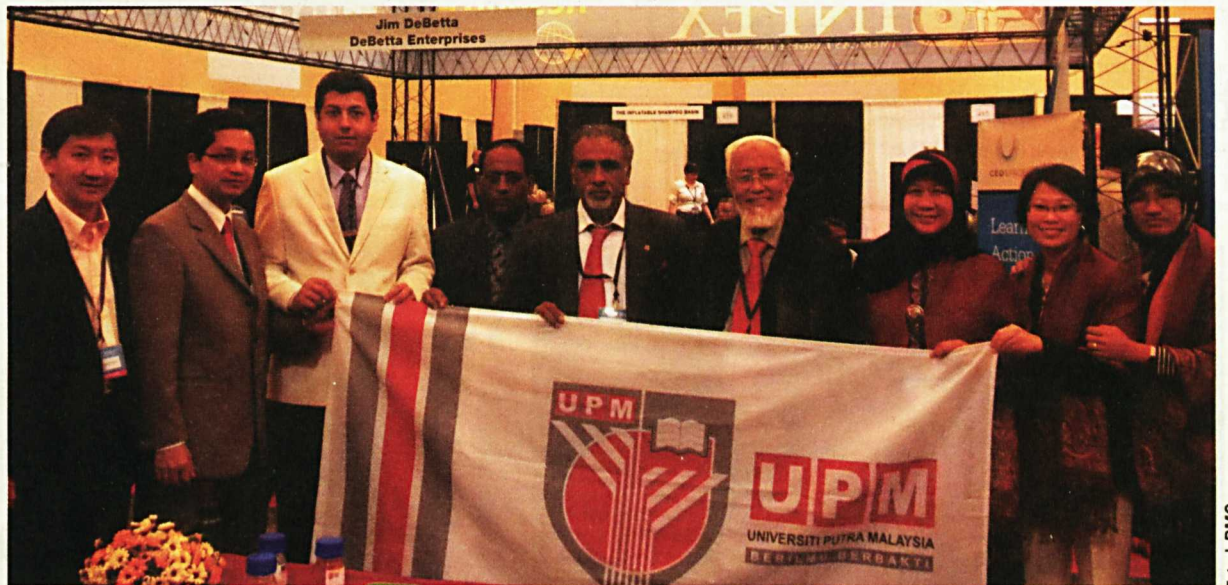
PITTSBURGH – Seramai enam penyelidik Universiti Putra Malaysia (UPM) berjaya meraih sebelas pingat di Pittsburgh, Pennsylvania, USA sempena Pameran Antarabangsa Inovasi dan Produk Baru (INPEX).

Dr. Helmi Zulhaidi Mohd Shafri dari Fakulti Kejuruteraan menerima dua pingat iaitu pingat emas (kategori Pertanian) dan pingat perak (kategori software) melalui produknya *Hyperspectral-based Tree Assessment System* yang boleh mengesan dan menilai pokok yang terdapat di hutan dan kebun besar di Malaysia.

Produk ini bukan sahaja dapat mengesan jumlah bilangan pokok tetapi dapat mengetahui tahap kesihatan pokok dan amat sesuai untuk digunakan oleh industri kelapa sawit dan badan-badan pengurusan hutan.

Pingat emas kedua (kategori Software) dimenangi oleh Prof. Madya Dr. Jamaluddin Noorzaei dari Fakulti Kejuruteraan dengan produknya *Development of 3-D Nonlinear Earthquake Resistance System for Framed Building* yang dapat menyerap dan mempertahankan keselamatan serta fungsi bangunan ketika gempa bumi dan taufan dengan memasang alat viscous damper sebagai rangka bangunan konkrit.

Prof. Madya Dr. Robiah Yunus daripada Fakulti Kejuruteraan telah memenangi tiga pingat iaitu satu pingat perak (kategori alam sekitar) dan dua pingat gangsa (kategori sains dan tenaga alternatif) dengan



Dari kiri Prof. Madya Dr. Loh Teck Chwen, Dr. Helmi Zulhaidi Mohd Shafri, Farzad Hejazi, Prof. Madya Dr. Ratnasamy Muniandy, Prof. Madya Dr. Jamaluddin Noorzaei, Prof. Dr. Hashim Musa, Prof. Dr. Suhaila Mohamed, Prof. Madya Dr. Foo Hooi Ling dan Prof. Madya Dr. Robiah Yunus.

hasil ciptaannya *Innovative Technology in Biodiesel Production from Jatropha Oil* di mana penemuan ini melibatkan proses penghasilan minyak diesel daripada minyak Jatropha dengan hanya melalui proses ekstraksi pelarut dan proses pra-rawatan asid dan melenyapkan proses pemurnian minyak seperti kaedah yang terdahulu.

Dua pingat perak telah dimenangi oleh Prof. Dr. Hashim Musa dari Fakulti Bahasa Moden dan Komunikasi dengan produk HB Melayu – *Analyzing How True Malay Are*

You? (kategori pendidikan dan perisian).

Manakala dua pingat gangsa masing-masing dimenangi oleh Prof. Dr. Suhaila Mohamed dan Prof. Madya Dr. Loh Teck Chwen dengan produk mereka iaitu *Mental and CardioVascular Health products from Oil Palm Leaf* dan *Novel Natural Feed Additive for Monogastric Animals*.

Daripada 700 penyertaan seluruh dunia, produk dari Malaysia yang dipertandingkan ialah dari UPM, UiTM, Uniten dan Beta Factor Sdn. Bhd.

Tribun Putra mengucapkan tahniah kepada 7,575 graduan sempena Majlis Konvokesyen UPM ke-34

Prof. Yaakob Menang Anugerah Khas Inovasi Islam

Oleh Mohd Faisal Md Noor

> LIHAT MUKA 2



Prof. Dr. Yaakob Che Man (kiri) menerima mock cek daripada Timbalan Perdana Menteri Tan Sri Muhyiddin Yassin.

Konvokesyen 2010 Kurnia Ijazah 7,575 Graduan

SERDANG – Seramai 7,575 graduan iaitu Ijazah Doktor Falsafah (Ph.D) seramai 252 orang, Ijazah Sarjana (Master) 1554, Bachelor (5277) dan Diploma (492) akan menerima ijazah masing-masing pada Majlis Konvokesyen Universiti Putra Malaysia (UPM) Ke-34 dari 9 hingga 13 Oktober.

Ketua Bahagian Komunikasi Korporat UPM, Abdullah Arshad berkata Tuanku Canselor UPM, Sultan Sharafuddin Idris Shah akan mengurniakan ijazah pada hari pertama (sesi pertama) dan hari kedua (sesi ketiga) di Dewan Besar, Pusat Kebudayaan dan Kesenian Sultan Salahuddin Abdul Aziz Shah (PKSSAAS).

"Majlis yang melibatkan sepuluh sesi selama lima hari itu akan turut dikurniakan oleh tiga Pro Canselor iaitu Tan Sri Dato' Dr. Nayan Ariffin pada sesi kedua, sesi kelima dan sesi kesembilan, Tan Sri Dato' Sri Lim Ah Lek pada sesi keempat, dan ketujuh serta Tan Sri Rozali Ismail pada sesi keenam dan kelapan.

"UPM akan menganugerahkan Ijazah Kehormat Doktor Pentadbiran Awam kepada Tan Sri Dato' Seri Dr. Zainul Ariff Hussain pada sesi pertama iaitu pagi 9 Oktober, diikuti Anugerah Profesor Emeritus kepada Tan Sri Datuk Dr. Omar Abdul Rahman pada sesi ketiga iaitu pagi 10 Oktober."

> LIHAT MUKA 3

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MGP Awarded Deserving Staff

By Mohd Faisal Md Noor

SERDANG, 15 July - Universiti Putra Malaysia (UPM) awarded prestigious recognitions to the staff of the University in teaching, research, professional and supporting services at the 2010 Majlis Gemilang Putra (MGP) held here recently.

Among the seven proud recipients of the Vice Chancellor Fellowship are Assoc. Prof. Dr. Noordin Mohamed Mustapha (Faculty of Veterinary Medicine) and Dr. Manohar Mariapan (Faculty of Forestry) for the Excellence in Teaching category.

Other winners are Prof. Dr. Abdul Halim Shaari (Faculty of Science) for the Excellence in Research category, Prof. Ir. Dr. Mohd Saleh Jaafar (Faculty of Engineering) and Hamzah Ismail (Sports Centre) for Professional Services and Sn. Nur Lina Chong Abdullah (Sports Centre) and Norhana Ali (Student Affairs) for Excellence in Supporting Services

category.

Each winner walked away with a grant of RM10,000, a commemorative plaque and a certificate of achievement from the Vice Chancellor of UPM, Prof. Tan Sri Datuk Dr. Nik Mustapha R. Abdullah.

MGP has also awarded three recipients with the Jasamu Dikenang awards and a number of 91 recipients for the Jasa Putra awards, each bagged a BSN premium saving certificate worth RM300 along with a certificate of achievement.

In addition, 32 recipients of the Setia Putra award received commemorative watch each and a certificate of achievement, 499 were awarded the Excellence in Service, walking home with RM1000 cash prize. A number of 119 Bakti Putra awards and BSN premium saving certificates worth RM500 each as well as certificates of achievement were given out to deserving recipients.



Vice Chancellor UPM with the recipients of the Vice Chancellor Fellowship.

Photo | Ahmad Fua'ad Alwi



Tuanku Chancelor UPM, Sultan Sharafuddin Idris Shah launch the 18th Edition of Gempur Magazine session 2009-2010.

Foto | Noor Azreen Awang

Tuanku Canselor Awarded 11 PALAPES Officers

By Noor Eszereen Juferi

PUTRAJAYA, 19 June - Tuanku Chancelor of Universiti Putra Malaysia (UPM), Sultan Sharafuddin Idris Shah presented the best wards to 11 cadet officers of from the Reserved Officers Training Unit (PALAPES) at the 2010 Regimental Dinner Reception.

The Best Overall Cadet Officer Award (Army category) went to Lt. Muda Mohd Faizan Zolkifli and the Best Overall Senior Cadet Officer title (Navy category), was awarded to Lt. Muda Norashikin Anjur.

Under the Army category, Best Male Cadet Officer went to Lt. Muda Yuslan Yusoff; Best Female Cadet Officer, Lt. Muda Siti Khairiyah Hussin; Best Academic Cadet Officer, Lt. Muda Siti Norafidah Mahussin; Best Military Studies Cadet Officer, Lt. Muda Mohd Hafizan Md Yusop; Best Firearm, Lt. Muda Mohammad Fakhri Hanif Johari and Best Marching Cadet Officer, Lt. Muda Mohd Zuriman Zakaria.

Under the Navy category, Best Male Senior Cadet Officer went to Lt. Muda Veillinrin Suresh Savunthi Pandiyan; Best Female Senior Cadet Officer, Lt. Muda Siti Asmida Md Rahim and Best Academic Senior

Cadet Officer, Lt. Muda Tea Boon Chian.

The Regimental Dinner Reception is a ceremony held annually in conjunction with the Royal Commissioning of PALAPES UPM for the 29th Intake (Army) and 4th Intake (Navy) that have undergone the military training.

At the ceremony, the 18th edition of Gempur magazine session 2009/2010 a compilation of profiles and annual activities of PALAPES UPM edited by Tribun Putra Editor, Khairul Anuar Muhamad Noh was launched by the Royal Highness.

In addition, Vice Chancellor of UPM, Prof. Tan Sri Datuk Dr. Nik Mustapha R. Abdullah expressed his hopes that the aspiring officers of PALAPES UPM would set an example especially in military leadership in order to broaden the credibility of UPM graduates.

"Make yourself an epitome of success to for the betterment of our society and the country," he said.

Earlier on, Crown Prince of Perlis Tuanku Syed Faizuddin Putra commissioned a number of 70 cadet officers from PALAPES UPM under the Army and Navy categories at the Universiti Sains Malaysia (USM).



Prof. Dr. Mohd Fauzi (right) with the freshmen.

Photo | Noor Azreen Awang

UPM Welcome New Students

By Mohd Faisal Md Noor

SERDANG, 4 July - Universiti Putra Malaysia (UPM) opened its doors to 5,103 new students through 60 courses offered for the first semester session 2010/2011 on the 3rd and 4th of July, just recently.

Deputy Vice Chancellor (Student Affairs and Alumni) of UPM, Prof. Dr. Mohd Fauzi Ramlan said the number comprised of 3,717 bachelor degree students, 884 diploma students and 502 new students registered under

the foundation studies for agricultural science.

He also reminded those who have not received the offers may appeal within these two weeks to avoid missing lectures.

He commented on the female students' ratio to male students as 3453 to 1649 was due to the implementation of meritocracy system to secure a list of good students.

"As for this year, five top preferred courses are accountancy, medicine,

engineering, allied health and education and this is probably due to the career prospects they can offer.

New students will also attend the Minggu Perkasa Putra for a week where this orientation programme shall ease the students' adjustment to the new environment.

"In accordance to the recent self-accreditation status, UPM will enhance human capital by producing quality graduates that meet employability requirements".

> DARI MUKA DEPAN

Inovasi peralatan mengesan kandungan babi dalam makanan

PUTRAJAYA, 5 Ogos - Pengarah Institut Penyelidikan Produk Halal (IPPH) Universiti Putra Malaysia (UPM), Prof. Dr. Yaakob Che Man memenangi Anugerah Khas Inovasi Islam 2010 dalam Karnival Inovasi Islam Peringkat Kebangsaan.

Beliau memenangi anugerah tersebut melalui peralatan mengesan kandungan babi dalam makanan yang merupakan

sumbangan paling besar dalam bidang halal ehwal Islam.

Katanya alat yang dikenali sebagai HaFSY atau sistem pengesanan halal yang dibangunkan IPPH mengesan asid deoxyribonucleic (DNA) dalam sesuatu produk sama ada mengandungi DNA babi atau tidak.

"Produk penyelidikan yang dibangunkan selama lebih setahun

ini terbukti pantas mendapatkan keputusan dan mudah dibawa ke mana-mana.

"Dengan penggunaan produk ini, sesiapa saja boleh menguji sesuatu produk tanpa memerlukan kelayakan dalam bidang kajian DNA," katanya pada majlis yang diadakan di Masjid Tuanku Mizan Zainal Abidin di sini dan dihadiri oleh Timbalan Perdana Menteri, Tan Sri Muhyiddin Yassin.

Digital System for Medicinal Herbs

By Noor Eszereen Juferi

SERDANG – As part of the initiatives to modernize high impact agriculture, Universiti Putra Malaysia (UPM) has introduced a digital system for medicinal herbs available at the Conservatory Park.

Vice Chancellor of UPM, Prof. Tan Sri Datuk Dr. Nik Mustapha R. Abdullah said the system is developed to improve the information access on the plants available at the Agricultural Conservatory Park and as point of reference for the community and the industry as part of the effort to generate new technology and to apply an innovation towards agriculture.

"The system is a pilot project which involves botanical gardens, among the many interesting places in the country that attract local and foreign visitors all year round" he said during his visit at the Institute of Bioscience (IBS).

He also stressed that the tagline UPM 'A World Leader in New Tropical Agriculture' will require constant dedication to sustain as it reflects the

innovation effort we have applied in agriculture to a higher level.

"This is in line with the government's aspiration to incorporate technology in agriculture and as a form of support in research planning and implementation," he said.

The Agriculture Conservatory Park was established in 2006 with 500 species of herbal plants available for biological science research.

In addition, director of IBS, Prof. Dr. Fatimah Md. Yusoff informed the media that IBS is soon to be equipped with Biohazard Safety Level (BSL-3) machineries in order to fulfill requirements from the European Standard EN12128 and World Health Organization (WHO) Guidelines (2004) commencing August 2010 once it is approved.

"The laboratory construction is for research conducted on the handling of third class pathogen virus such as the Nipah virus, SARS Coronavirus, Yellow Fever Virus, Mycobacterium Tuberculosis dan Bacillus Anthracis" she said.



One of the officer of the Agriculture Conservatory Park briefing The Vice Chancellor UPM on herbs.

Photo | Ahmad Fua'ad Alwi

1,505 Postgraduate Students Recited Oath

By Mohd Faisal Md. Noor

SERDANG, 14 July – A number of 1,505 new postgrads for the 2010/2011 session gathered to recite the new intake oath to symbolize their new journey for the quest of knowledge here in Universiti Putra Malaysia (UPM).

The Vice Chancellor of UPM, Prof. Tan Sri Datuk Dr. Nik Mustapha R. Abdullah disclosed that the enrollment comprised of 1,380 Master students and 125 PhD students.

"The number breaks down to 263 international students (Master 149 and PhD 114) and the overall enrollment stated 9,895 comprised of 2,455 international students and 7,395 of local students (Master 6,011 and PhD 1,384).

The application was received through Graduate School of Studies (SGS), Graduate School of Management (GSM) and the External education Centre (PPL).

A few students gave different reactions when approached by reporters from Tribun Putra right after the official ceremony.

Among the new students were Mazura Shareena and her twin, Masniza Shaheeda, 25, from Jerantut, Pahang, who both decided to take up Masters in Computer Science.

Mazura disclosed that her sister wished to experience the wind of change in Serdang that is well known for its research activities.

Maria Victoria Lucas, an American, said she had chosen UPM for its cutting edge technology in research

and at the same time UPM's location in a lush green setting has captured her interest to pursue her post graduate studies here in Malaysia.

Yusser A. Taqi Al-Qazwini from Iraq has long made UPM her second home thus it was no surprise that she decided to continue her PhD here right after she completed her Bachelor Degree with First Class Honours.

In addition, the International Office has put together a New International Student Welcoming Programme as for the new students.

The orientation-based program will guide these new students on culture and tradition adjustment, tips on campus safety, introduction to Visa, health services, the academic management, how to file a complaint and a campus tour.



The new postgrads reciting the new intake oath.

Photo | Noor Azreen Awang

40 Media Representatives Visited Ayer Hitam Forest Reserve

By Mohd Faisal Md. Noor

PUCHONG – A group of 40 media representatives from local and abroad under the Selangor Shines Discovery FAM-Tour 2010 had fun in the sun when they visited the Ayer Hitam Forest Reserve of Universiti Putra Malaysia (UPM).

Organized by Selangor Tourism in collaboration with Gaya Travel magazine, the event was also attended by media representatives and tour agents from Japan, the Philippines, including Australia.

During the event, media delegates had the opportunity to explore the hidden treasures of Ayer Hitam forest reserve accompanied by the Deputy Vice Chancellor (Research and Innovation), Prof. Dato' Dr. Abu Bakar Salleh.

Dato' Abu Bakar said the support given by both local media and abroad might boost UPM's image as an education-tourism in Selangor.

Most of the media delegates were impressed with their discoveries especially the systematic management of the forest reserve equipped with good amenities and clean surrounding, plus they were amazed by the breathtaking view of the

waterfall on site and the abundance of herb plants under the care of UPM.

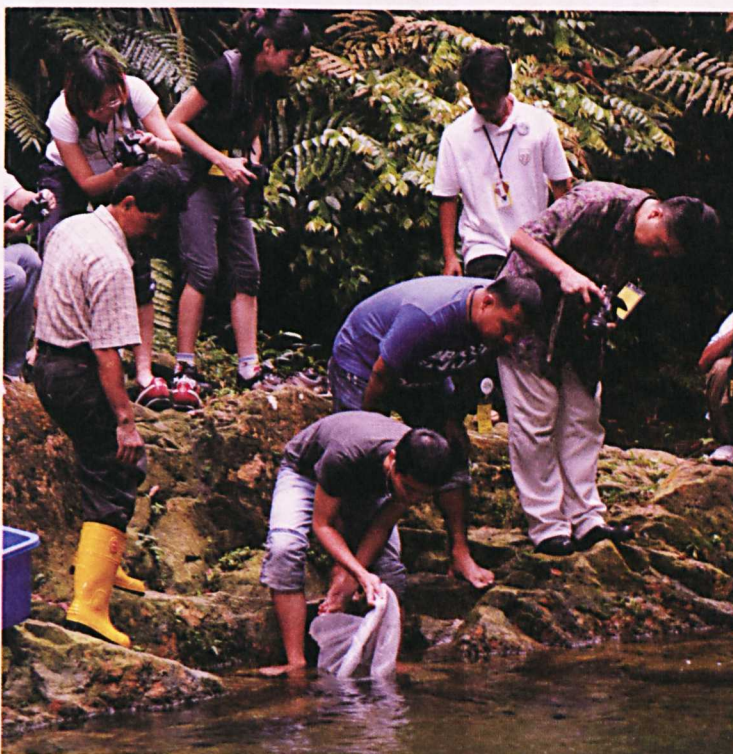
They were given the chance to release Lampam fries into the crystal clear river, led by Prof. Dr. Siti Shapor Siraj, a lecturer with the Faculty of Agricultural of UPM followed by an exploration at the herbs garden making discoveries using the most coveted handheld device, the iPad.

There was also a video demonstration by Coordinator of Biodiversity Unit, Dr. Faridah Qamaruz Zaman on tissue cultures and a briefing on Ayer Hitam Forest Reserve by the Dean of Faculty of Forestry UPM, Assoc. Prof. Dr. Awang Noor Abd. Ghani.

A journalist from Japan, Ishiyama Akito was utterly astounded with the beauty of the waterfall and was certain to spread the good words on its uniqueness upon his return to Japan.

Pak Wong Sun hailed from Korea said the forest reserve would make an ideal edu-tourism spot in Malaysia.

Ayer Hitam is under the jurisdiction of Forest Department of Selangor Central and was granted 80 year lease to UPM since 1996 by the Selangor Government for the purpose of research and forest development.



The media representatives releasing Lampam fries into the river at the Ayer Hitam Forest Reserve, UPM.

Photo | Ahmad Fua'ad Alwi

> DARI MUKA DEPAN

katanya.

Tuanku Canselor juga berkenan mengurniakan hadiah kepada pemenang hadiah peringkat universiti iaitu Hadiah Pingat Emas Canselor kepada Teng Wern Jyet, Bachelor Sains (Kepujian) Sains Instrumentasi; Hadiah Anugerah Pelajaran DiRaja kepada Nurul Shazini Ramli, Bachelor Sains (Pemakanan dan Kesihatan Komuniti) dan Lau Cin Dee, Bachelor Ekonomi.

Pingat lain yang dikurniakan baginda ialah pingat Emas Alumni kepada Aini Azeqa Ma'rof (Bachelor Pendidikan Bimbingan dan Kaunseling), Pingat Emas Yayasan Pak Rashid kepada Sherwin Lee Chan Kit (Bachelor Sains Hortikultur), Hadiah Agribio kepada Mohd Zalie Ramli (Bachelor Sains Pertanian), Hadiah Syed Kechik kepada Noor Aini Nazari (Bachelor Sains dengan Pendidikan Kepujian Kimia) dan Pingat Emas Tan Sri Profesor Emeritus Dr. Rashdan Baba kepada Melissa Aw Hey Mun.

Seramai 445 penerima ijazah Bachelor mendapat kelas pertama, 3388 kelas kedua tinggi, 1238 kelas kedua bawah dan 28 kelas ketiga.

UPM Produced a Solution for Mercury Removal from Fish

By Mohd Faisal Md. Noor

SERDANG - A team of Universiti Putra Malaysia's (UPM) researchers successfully invented a solution, which efficiently removes mercury from fish during washing treatment to leach out mercury from fish.

A researcher from the University's Faculty of Science, Prof. Dr. Jinap Selamat came up with the Efficient Mercury Removal Solution where the solution is able to remove most of the mercury using slurry of a highly absorbent acidic solution containing mercury-chelating agents.

"Mercury is known for its hazardous effects and its enhanced toxicity. Hence, this solution is able to remove most of mercury trace during washing treatment and fish is subsequently rinsed with water.

"This product is proven to remove more than 90 percent of mercury and it still preserves the original colour, taste, texture and overall appearance of fish and products," she said during a press conference held at the Banquet Hall of UPM.

The invention has won Prof. Jinap a gold medal and a Special Award (Best Female Inventor) at the recently held ITEX 2010.

The product has yet to be commercialized and the price could fetch RM200 for 4 liter per solution for 100kg of fish and it is highly recommended for the fish processing industries.



Prof. Dr. Jinap (left) and Bakri Bakar (right) with their invention and medals.

Also contributing to the success of the invention are fellow researchers, Dr. Parvaneh Hajeb, Assoc. Prof. Dr. Fatimah Bakar and Prof. Dr. Jamilah Bakar.

In addition, a researcher from Faculty of Design and Architecture, Bakri Bakar invented the 'Self-Retaining Anal Speculum' that can be used by a specialist during medical procedure in the area of anus and rectum.

He said normally medical examination would rely on conventional apparatus such as the pricey stainless steel but it proves to be beneficial for

the specialist only.

"The disposable device is made of bio composite plastic that decreases the chance of infections," said Bakri, who bagged 2 gold medals at PRPI 2009 and ITEX 2010 respectively.

The yet to be commercialized product is a collaboration of UPM and the Sheffield Hallam University, of the United Kingdom involving fellow researchers from Sheffield, Saiful Hasley Ramli and Paul Chamberlain.

The cost of constructing the device is RM25 and expected to retail at RM48.

Photo | Ahmad Fua'ad Alwi

UPM Developed Agriculture Technology for Farmers

By Noor Eszereen Juferi

TANJONG KARANG - Universiti Putra Malaysia (UPM) could be entrusted with a big role in developing agriculture technology for farmers in the country, said Agriculture and Agro-Based Industry Minister, Datuk Seri Noh Omar.

He added that UPM strengths rely on the field of agriculture that focuses on innovation biotechnology that would be able to educate farmers in transforming the system through modern agricultural technology.

"This will increase the standard of living by providing ease for the farmers in adapting technology hence leading the agricultural sector for the country's economic growth," he said in his speech during the Juara Rakyat Kementerian Bersama Pakar Pertanian UPM program held here.

The program organized by Centre of Extension, Entrepreneurship and Professional Advancement (APEEC) UPM in collaboration with the Ministry of Agriculture and Agro-Based Industry garnered pool of expertise from UPM straight to the site to offer free consultation for the local and to identify potential problem of the Tanjong Karang's community.

The Vice Chancellor of UPM, Prof. Datuk Dr. Nik Mustapha R. Abdullah said the program held in Tanjong Karang was the fifth run after the success of similar programs held in Temerloh, Pahang; Jeli, Kelantan; Batu Pahat; Johor and Pekan, Pahang.

"This open day is part of the University's corporate social responsibility (CSR) effort UPM by



The expertise from UPM consulting the local to identify potential problem in Tanjong Karang.

incorporating agricultural development in order to get closer to the community especially the farmers, breeders and local entrepreneurs.

"This program will also allow the opportunities for UPM to showcase their research and technology discoveries for the farmers and entrepreneurs' benefits so that they can grip the concept of agricultural development completely," he said.

One of UPM's agriculture's experts, Assoc. Prof. Dr. Maheran Abd Aziz from the Department of Technology Faculty

of agriculture said most farmers were keen with tissue culture technology as the modern technique is able to expedite the growth process of conventional plants such as banana.

"In order to apply the technology, farmers must initially acquire a laboratory to place the tissue cultures before they can be transferred to the planting ground. The project is estimated to be valued at RM50, 000.

"The problem of cost is hoped to be solved with the assistance of funding, subsidy or loan, apart from guiding

Photo | Noor Azreen Awang



Photo | Marina Ismail

Assoc. Prof. Dr. Fatimah demonstrating on how to use the biosensor. From right co-researcher, Prof. Dato' Dr. Abu Bakar Salleh.

UPM Invented a Device to Trace Formaldehyde in Fish

By Noor Eszereen Juferi

SERDANG, 26 August - A group of researchers from Universiti Putra Malaysia (UPM) invented the enzyme-based biosensor technology that is able to trace formaldehyde; a chemical, which could be found in fish and fish products.

Head of researchers, Assoc. Prof. Dr. Fatimah Abu Bakar from the Institute of Bioscience, UPM said the technology provides a rapid and effective method in determining the level of formaldehyde, a chemical which can increase the risk of lung and brain cancer as well as leukaemia when consumed excessively.

"Despite the abusive usage of formaldehyde as preservatives in fish and fish products, there is still no standard and systematic monitoring procedures, hence with this technology we might be able to detect the use of prohibited chemical by the unscrupulous traders," she informed the reporters at the UPM New Product press conference organized by the University's Research Management Centre and the Corporate Communication Division.

She said the biosensor only takes 10 minutes to produce results as opposed to the conventional

method, which normally took a day and it can be used at any location on land, moving transportation and also at the fish retailers.

The project kicked off in 2007 and finally completed this year with a filed patent and funded by the Ministry of Science and Technology, (MOSTI).

The research team was assisted by fellow researchers, Prof. Dato' Dr. Abu Bakar Salleh, Deputy Vice Chancellor (Research and Innovation) of UPM, Assoc. Prof. Dr. Nor Azah Yusof (UPM), Nur Indang Marzuki (UPM) and Prof. Dr. Lee Yoke Heng (UKM).

"The retail price will be determined by the manufacturer but the approximate cost of producing the device is RM50 and it can be reused for 60 times," she said as she expressed her hopes that this product will soon capture the interest of targeted buyers.

Formaldehyde is an important chemical used widely by industry to manufacture building materials and numerous household products and also used in hospital as preservatives for anatomical specimens. Embalming in fish using the formaldehyde will ensure the quality appearance of the fish and for prolonged freshness.

these farmers to fully make use of the technology," he said.

The open-day was attended by 1,000 participants, made up of mostly farmers, agro-based entrepreneurs and the locals.

The expert's clinic of UPM

offers consultation in Crop Science, Agribusiness, Aquaculture, Plant Protection, Agriculture Technology, Fertilization and Land Management, Poultry and Animal Feeds, Aquatic Medicine, Ruminant Medicine and Food Technology.



Photo | Ahmad Fua'ad Alwi

Deputy Vice Chancellor (Research and Innovation) UPM, Prof. Dato' Dr. Abu Bakar Salleh (left) in a firm handshake with the President and the CEO of Alnair, Dr. Sze Y Set (right).

UPM-ALNAIR to Collaborate on Optic Communication

By Mohd Faisal Md Noor

SERDANG – The Photonic Laboratory under the Centre of Excellence for Wireless and Photonic Network (WiPNet), Faculty of Engineering Universiti Putra Malaysia (UPM) join hands with Alnair Labs Corporation (Alnair) to advance their alliance in optic communication research.

A senior lecturer with the Department of Computer and Communication, Faculty of Engineering, Dr. Ahmad Shukri Mohammad Noor said the Memorandum of Understanding (MoU) will consist of fabrication, fiber bragg grating (FBG) that is being used in the Photonic Laboratory.

"The fabrication machine will be placed at Photonic Laboratory under the Wireless and Photonic Network (WiPNet) under the supervision of 10 researchers and 6 of them are the main researchers for photonic fields," he said.

The Deputy Vice Chancellor (Research and Innovation) UPM, Prof. Dato' Dr. Abu Bakar Salleh, the president and the CEO of Alnair, Dr. Sze Y Set all signed the MoU.

Upon a complete tour at the Photonic Laboratory, Dr. Sze is absolutely satisfied with the laboratory's facilities and expressed his approval to open doors for UPM's staff and students to Alnair Laboratories in Japan for

internship.

The collaboration between UPM and Alnair began in 2004 with members from the Alnair board of directors, and Professor Dr. Kikuchi from the University of Tokyo as an external examiner at Department of Computer and Communication, Faculty of Engineering, UPM.

His involvement fairly prolonged the alliance between UPM and Alnair even though he has no longer in service as an external examiner.

Alnair was established in 2001 and it is a nano-technology based research supplier company intended for optic system development worth 413 mil yen (in 2008).

Alnair has international reputation on its label as 20 of its optic communication related products are already on the market such as the 40Gb/s BERT tester and ultra compact femtosecond fiber laser, amongst the most cutting-edge devices of late.

Alnair (Malaysia) Sdn. Bhd. is based in Pulau Pinang and it handles the operation of Alnair in the country.

Alnair is constantly seeking for opportunities to expand its research collaboration on photonic outside of Japan and here in Malaysia, UPM has a photonic research laboratory that is completely equipped and modern led by Profesor Dr. Mohd Adzir Mahdi.



Photo | Prof. Dr. Sidek Abd Aziz

The MoU handover by Prof Dr der Soz Gumilar R Somantri to Prof Tan Sri Datuk Dr Nik Mustapha R Abdullah. From right, Prof. Dr. Sidek Abd Aziz

UPM - Universitas Indonesia to Collaborate on Field of Science

By Prof. Dr. Sidek Abd Aziz

JAKARTA – Universiti Putra Malaysia (UPM) inked a memorandum of understanding in the field of science with Universitas Indonesia (UI) held at the campus on 23rd of June, in Depok, Jakarta.

Vice Chancellor of UPM, Tan Sri Datuk Dr Nik Mustapha R Abdullah said the collaboration led by the Faculty of Science UPM and the Fakultas Matematika dan Pengajian Ilmu Alam (FMIPA) UI will work on research, teaching, learning, students exchange and shall be reviewed from time to time.

"It is my great hope that this collaborative research will contribute to something beneficial especially for the development of both countries

and is anticipated to extend to other faculties," he said.

Rector of UI, Prof. Dr. Der. Soz Gumilar Rusliwa Somantri said UI students who are involved in this MoU are those from the Biology Department for Indonesia housed an array of plants and tropic animals which are suitable to be studied on.

Also present during the MoU signing were the Dean from Faculty of Science UPM Prof. Dr. Sidek Abd Aziz, and the Dean from Fakultas Matematika dan Ilmu Alam (FMIPA) Dr. Adi Basukriadi.

Universitas Indonesia is one of Indonesia's premier universities and ranked 201st in the world (34th in Asia and 5th in South East Asia) based on Times Higher Education-QS World University Ranking in 2009.

UPM-MVP to Produce Animal Vaccines

By Parimala Subramani

SHAH ALAM – The Innovation and Commercialization Centre (ICC) of Universiti Putra Malaysia (UPM) inked a Memorandum of Understanding (MoU) with the Malaysia Vaccine & Pharmaceuticals Sdn Bhd (MVP) under a research project to produce animal vaccine from local livestock.

The MoU was signed in conjunction with MVP 1st Convention 2010 joining hands with UPM and the Department of Veterinary Service (JPV) under the Ministry of Agriculture and Agro based Industry. The convention was set to fuel the commercialization effort for local research products to penetrate the international market.

Apart from UPM, MVP also signed a MoU with JPV, Nano One Sdn. Bhd. including the Charoen Pokphand Thailand at the same event.

The MoU is signed by Deputy Vice Chancellor (Research and Innovation) UPM, Prof. Dato' Dr. Abu Bakar Salleh and the Managing Director of MVP, Ishan Pawan Ahmad as witnessed by Agriculture and Agro based Industry Minister, Dato' Mohd Johari Baharum.

Dato' Mohd Johari said collaboration between the government, varsities, research centers and the private sectors is quintessential in order to further develop the vaccine industry for livestock.

"Malaysia can save millions ringgit annually if the local research institute is given the opportunity to produce animal vaccines instead of importing like we are practicing currently," he said during the signing.

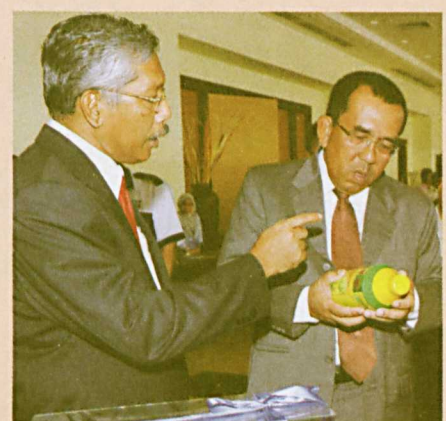


Photo | Ahmad Fua'ad Alwi

Prof. Dato' Dr. Abu Bakar Salleh (further left) briefing the Agriculture and Agro based Industry Minister, Dato' Mohd Johari Baharum. (center).

Dato' Mohd Johari expressed his hopes that the Veterinary research Institute, (VRI) under JPV will share their expertise with UPM to expand the vaccine industry for the country's livestock.

"Positive feedback seen in 20 countries including ASEAN, Asia and Africa has proven the quality and safety and foremost, the Malaysian vaccine's standard is at par as our foreign counterparts," he added.

MVP is the sole Malaysian company that had produced 16 animal vaccines over the period of 16 years with the capacity of producing 700 doses of vaccine annually for poultry and swine, thanks to the privatization of VRI research.

UPM-Desmet Joined Forces on Palm Oil Specialty Fats

By Parimala Subramani

SERDANG 6 July– Universiti Putra Malaysia (UPM) entered a memorandum of understanding (MoU) with Desmet Ballestra Company from Belgium to work on a research on specialty fats produced from palm oil using the pilot plant.

The company proposed a collaborative research with the Department of Food Process and Engineering, Faculty of Engineering and to place the palm oil fractionation system.

The Director of Desmet Ballestra (M) Sdn Bhd, Khoo Kiak Kern said the collaborative research will optimize the supplying process of various specialty fats where the system is able to perform fractionation up to 200kg of palm oil for each attempt.

"Our company joins forces in research with universities in the Europe and the United States.

Research activities on palm oil will be carried out with the local universities," he said.

Khoo expressed his hopes that there will be an increase in the consumers' demand of product manufactured by this collaborative

research on palm oil specialty fats that is proven to be of high quality, reasonably priced, which then made into confectioneries such as chocolates, ice cream, icing cake and Vegan cheese.

The Vice Chancellor of UPM Prof. Tan Sri Datuk Dr. Nik Mustapha R. Abdullah said the MoU has the potential to generate human capital from the economic sectors as stipulated by the government's new economic policies.

"Malaysia should look into furthering the investment on palm oil nutrition research along with the non governmental bodies and the community in order to optimize the resource," he added.

The collaborative research with Desmet shall allow heaps of opportunity especially to the students of Food Process and Engineering UPM to undergo for internship and to gain exposure in producing specialty fats using efficient energy.

The ceremony was also attended by the Dean, faculty of Engineering Prof. Dr. Mohd. Saleh Jaafar, Head of Department, Dr. Yus Aniza Yusof, Assoc. Professor Dr. Chin Nyuk Ling and Dr. Mohd Noriznan Mokhtar.

'Recycling Rally' Pupuk Kesedaran Kitar Semula

Oleh Noor Eszereen Juferi

SERDANG - Universiti Putra Malaysia (UPM) memperkenalkan program 'Recycling Rally' bagi memupuk warga kampusnya kesedaran mencintai alam sekitar melalui kitar semula bahan buangan.

Penasihat program, Fairuz Muchtar berkata program anjuran Pejabat Pemasaran dan Komunikasi yang julung kali itu membudayakan amalan kitar semula dalam kehidupan warga UPM dan menyokong penyertaan UPM dalam GreenMetric Ranking of World Universities.

"Program ini memperkenalkan sistem Recycle & Reward iaitu mereka yang menghantar barangan kitar semula seperti kertas, akhbar lama, beg plastik, botol plastik dan barangan elektronik akan diberi mata ganjaran oleh Syarikat Recycling Reward Sdn Bhd," katanya pada majlis pelancaran kempen kitar semula di sini.

Sementara itu, wakil Syarikat Fuji Xerox Asia Pacific, Marcellinus Frederick Lamhai berpendapat program itu perlu diadakan di setiap



Wakil Recycle Reward (kanan) sedang menimbang barangan kitar semula disaksikan oleh pelajar UPM, Parimala Subramani (kiri).

institusi pengajian tinggi (IPT) lain untuk mendidik staf dan pelajar kepentingan memelihara alam sekitar.

"Penglibatan pelajar penting kerana mereka merupakan 'duta'

untuk memaklumkan kepada rakan sebaya mengenai usaha ini yang kini dipandang ringan oleh golongan remaja," katanya.

Selain itu, program tersebut menampilkan aktiviti seperti

persembahan muzikal istimewa Yayasan Anak Warisan Alam (YAWA) Eco Drum Circle yang menampilkan konsep kesenian dan alam menggunakan barangan kitar semula bertemakan Recycle Your Music.

Foto | Ahmad Fua'ad Alwi

Sejenak Bersama... Awang Kampus



Keputusan QS World University Rankings yang dikeluarkan baru-baru ini merupakan berita baik buat Universiti Putra Malaysia (UPM) kerana UPM memperbaiki kedudukannya daripada tempat ke-345 pada tahun 2009 melonjak ke tangga 319 tahun 2010.

Sebanyak dua universiti di Malaysia jatuh kedudukan iaitu Universiti Malaysia (tangga 180 ke 207) dan UTM (tangga 320 ke 365); sementara tiga universiti memperbaiki kedudukan iaitu UKM (291 ke 263) dan USM (314 ke 309) selain UPM.

Jumlah peningkatan tangga tiga universiti itu ialah UKM (28 tangga), UPM (26 tangga) dan USM (5 tangga). Tahniah kepada seluruh warga UPM yang sama-sama mengembleng tenaga dalam memperkukuhkan peningkatan kedudukan universiti dan Awang berharap UPM sentiasa memperbaiki kedudukan dalam setiap ranking berasingan oleh pelbagai pihak. Walaupun ada dakwaan yang mempertikaikan kaedah metodologi penilaian data, secara peribadi Awang masih merasakan ranking-ranking ini memberi kesan kepada persoalan persepsi.

Awang memetik kenyataan Pengarah Pengurusan QS Quacquarelli Symonds Ltd, Nunzio Quacquarelli kepada akhbar The Star iaitu QS mengukur kualiti penyelidikan universiti, kelayakan kerja siswazah, komitmen pengajaran dan komitmen antarabangsa.

"Ranking QS menggunakan kombinasi tinjauan global dan data yang diaudit termasuk jumlah citation dari Scopus iaitu pengkalan data penerbitan akademik terbesar di dunia," katanya.

Pada kesempatan ini Awang mewakili Editorial Tribun Putra mengucapkan Selamat Hari Raya Aidilfitri kepada semua pembaca Tribun Putra dan warga UPM serta ucapan tahniah kepada seluruh mahasiswa yang menerima ijazah pada Majlis Konvokesyen UPM kali ke 34. Tidak lupa juga kepada tiga sahabat Awang yang bekerja sebagai staf pentadbiran UPM iaitu Shahrul Azli (MarComm) kerana memperoleh ijazah Bachelor serta Sharil Nizam Sha'ri (Penerbit) dan Paiman Bawon (Fakulti Perhutanan) yang memperoleh PhD masing-masing. Semoga kalian menjadi contoh buat staf bukan akademik untuk melanjutkan pengajian secara sambilan.

Awang tidak sangka akan menulis semula dalam ruangan komentar Awang Kampus kali ini kerana tajuk komentar asal yang sepatutnya keluar ialah "Pesan Akhir Awang Kampus kepada warga UPM" tetapi telah Awang tarik kembali.

Sesuai dengan tuntutan zaman, pertambahan pelajar luar negara menuntut perubahan pada wadah bahasa Tribun Putra di mana ketika mula-mula Awang mengambil tugas sebagai Editor Tribun, halaman bahasa Inggerisnya antara 5 ke 10 peratus, kini halaman bahasa Inggeris Tribun Putra telah ditingkatkan ke 50 peratus. Terima kasih kepada teraju penting penterjemahan yang banyak membantu, Puan Sabrina Mahili yang bekerja keras demi memenuhi keperluan terkini.

Serambi Cerikas

Dr. Lim Swee Tin
Jabatan Bahasa Melayu, FBMK

Hujan Di Kota Kecilku

Di kota kecilku seringkali hujan turun. Ada kalanya lebat sekali. Langit dikelilingi kegelapan. Jalan-jalan basah. Tidak banyak jalan di sini kerana kota ini kecil.

Aku berhenti untuk berteduh di sebuah pondok menunggu bas yang kecil juga. Di kiri kanan bagaimanapun pohon-pohon yang besar dan tinggi. Aku menyukainya kerana kebanyakannya amat rendah.

Pohon yang rendah ini selalu meneduhkan tatkala hari panas. Sekurang-kurangnya menahan diri dari terus-terusan berasa rimas. Orang-orang tua kelihatan melintas di hadapanku. Kehidupan yang sangat sederhana; payung kertas yang terkoyak di sana-sini, membimbing sesuatu yang mungkin dibawa dari kebun di kaki bukit. Entah apa yang dibawa mereka. Namun, wajah-wajah tenang ini seringkali pula memampang di dalam ingatanku.

Mereka jujur. Kejujuran yang sekarang semakin payah diperoleh. Kejujuran yang semakin berdebu, dilindungi zarah-zarah hitam halus atau kasar, melekat atau menempel hodoh. Kehodohnya bagaimanapun semakin tidak dihiraukan orang. Siapa mahu mengambil endah. Ah, kehodohan yang semakin jinak dengan rentak kehidupan yang merelakan semua kejijikan terjadi.

"Maksudmu?"
Hatta merenungiku. Lama. Dia terus melukis. "Kau pelukis, Ta. Yang elok-elok saja yang kau beri kepada kanvas itu, kepada mata yang memandang, dan kepada fikiran yang mentafsir."

"Kausalah." Hatta meningkah. Tangannya terus melarikan berus terpalit warna, sambil matanya berlari ke atas dan bawah, sesekali ke kiri dan kanan.

"Siapa lagi yang akan

mempedulikan sisi-sisi jelek manusia? Ha, aku kira transisi ini menakutkan.

Hatta berpaling. Agaknya mencari kekuatanku. "Apa yang tak berubah. Ha, katakan apa."

Aku meninggalkan Hatta. Masuk ke stesen kereta api tertua di Kuala Lumpur. Singgah di hadapan skrin - seorang lagi bayi baru lahir terbuang (matikah sewaktu ia dicampak?), seorang penguatkuasa tertuduh rasuah, pengurus syarikat besar di belakangnya perniagaan berlawanan undang-undang, dan seorang penyanyi amat manis di hadapan penonton namun pasangannya sejenis.

Kepura-puraan! Ah, lagi-lagi aku tercakap tentang moral. Ketua menindas orang bawahan. Yang berkuasa mengabaikan tanggungjawab, merebut untuk segala kesempatan ruang terbuka yang ada untuk diri.

Pembohongan di mana-mana. Sesekali bersandiwara.

Wanita-wanita tua tu sedikit kesejukan. Dia barangkali tidak perlu bersandiwara. Hujan masih lebat. Kota kecil ini seperti dibungkus kedinginan. Kadang waktu, kedinginan itu mengasyikkan. Ia menebus rimas yang berpanjangan. Ia membentuk rasa nyaman yang lain, sungguh berbeza.

Tapi, kota ini nanti akan juga membesar. Kelak akan bercambah jugalah cendawan-cendawan pendustaan, semua bentuk kepalsuan, hiruk-pikuk kejahatan yang kemudian dengan perlahan-lahan direlakan.

Kabus mengapung di mana-mana. Langit teduh amat. Aku ingin meredah hujan yang mula menipis. Sesekali indah menikmati kedamaian sebegini. Akan tetapi, selama mana lagikah kedamaian yang menyelubungi kehidupan kini, yang di mana-mana sedang

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MPP UPM

Berita dan foto oleh Anas Hassan
Exco Penerbitan dan Penerangan MPPUPM

Hadiri Konvensyen MPP IPTA

BANGI - Majlis Perwakilan Pelajar (MPP) Universiti Putra Malaysia (UPM) menghadiri Konvensyen Majlis Perwakilan Pelajar (MPP) institut pengajian tinggi awam Malaysia (IPTA) yang berlangsung pada awal Ogos lalu.

Konvensyen dihadiri oleh perwakilan MPP seluruh IPTA dianjurkan oleh Universiti Malaysia Pahang (UMP) dengan kerjasama Majlis Latihan Kepimpinan Universiti Malaysia (MAKLUM) dan Bahagian Hal Ehwal Pembangunan Pelajar (BHEPP) Kementerian Pengajian Tinggi Malaysia.

Konvensyen selama tiga hari itu dianjurkan untuk menghimpunkan semua perwakilan MPP bagi membincangkan isu-isu nasional berkaitan pembangunan mahasiswa selain menjadi platform bagi perwakilan MPP untuk menjalin kerjasama antara universiti masing-masing.

Siti Fatimah Md Akhir, Setiausaha Agung MPP UPM berkata, konvensyen ini wajar untuk di hadiri

oleh semua perwakilan MPP kerana ia merupakan salah satu ruang untuk pimpinan mahasiswa bersuara.

"Melalui konvensyen ini, pimpinan mahasiswa berpeluang untuk berdiskusi dan berinteraksi sesama mereka dalam menentukan hala tuju pembangunan mahasiswa di negara kita. Selain itu, hubungan yang erat juga dapat dibentuk antara perwakilan MPP universiti masing-masing.

"Hal ini penting kerana melalui hubungan diplomatik yang terjalin ini, kita dapat mengetahui perkembangan pimpinan mahasiswa di setiap universiti", katanya mewakili Yang Di Pertua MPP UPM.

Terdahulu telah berlangsungnya Mesyuarat Majlis Perundingan Pelajar Kebangsaan (MPPK) yang dipengerusikan oleh Timbalan Perdana Menteri, Tan Sri Muhyiddin Yassin dari 4-6 Ogos lalu.



Lawatan Muhibah MPP UPM di Bulan Ramadhan

SERDANG - Seramai 21 Majlis Perwakilan Pelajar (MPP) Universiti Malaysia Pahang (UMP) mengadakan lawatan muhibah ke Universiti Putra Malaysia (UPM) baru-baru ini.

Lawatan yang diadakan pada awal Ramadhan lalu merupakan sebahagian daripada rangka kerja mereka untuk mengadakan lawatan ke institut pengajian tinggi awam Malaysia (IPTA) sekitar Lembah Klang.

Yang di Pertua MPP UPM, Syed Muhammad Adam Syd Abdul Rahman, berkata dia berharap agar lawatan ini dapat mengeratkan lagi hubungan antara UPM dan UPM.

"Kami berbesar hati di atas kunjungan UPM ke sini, saya mewakili pelajar dari UPM ingin mengucapkan selamat datang dan terima kasih kepada MPPUPM kerana menjadikan UPM sebagai destinasi persinggahan yang pertama

"Banyak perkongsian idea dibuat dalam

pertemuan ini dan saya yakin ia mampu memastikan lagi pelaksanaan program yang lebih berimpak tinggi terhadap universiti masing-masing," katanya.

Menurut Yang Dipertua MPP UPM, Mohd Aedlan Nur Ahmad, rangka kerja lawatan mereka ke IPTA sekitar Lembah Klang ini merupakan salah satu agenda dalam takwim tahunan mereka.

"UPM menjadi pilihan kami pada kali ini kerana kami ingin melihat dan berinteraksi dengan MPP UPM dalam hal-hal kebajikan sekitar kampus selain melihat sendiri suasana kampus hijau ini", katanya.

Terdahulu delegasi UPM yang menginap di Kolej Tun Dr Ismail UPM sempat berbuka puasa, berterawikh serta bersahur di UPM sebelum meneruskan perjalanan ke Universiti Islam Antarabangsa Malaysia (UIAM).



'Roadshow' Kampus

SERDANG - Majlis Perwakilan Pelajar universiti Putra Malaysia (MPPUPM) telah mengadakan satu siri 'roadshow' ke kolej kediaman di sekitar Universiti Putra Malaysia (UPM).

Siri 'roadshow' yang diadakan pada minggu kedua dan ketiga kuliah itu bertujuan untuk memberi peluang kepada para pelajar untuk berinteraksi secara terus dengan perwakilan MPPUPM.

Melalui program 'roadshow' ini, para perwakilan MPPUPM dapat turun padang dan berjumpa para pelajar untuk mendengar secara terus tentang masalah yang timbul di sekitar kolej kediaman.

Pengarah program 'roadshow', Choon Fai berkata, 'roadshow' pada kali ini diadakan mengikut fasa-fasa tertentu. Terdapat 4 fasa yang ditetapkan

iaitu fasa satu hingga fasa empat dan setiap fasa diwakili oleh perwakilan MPPUPM tertentu terdiri daripada perwakilan di kolej tersebut.

"Antara fasa yang terlibat ialah fasa satu iaitu melibatkan KTDI, K2 dan KC, manakala fasa dua melibatkan Kolej Serumpun serta fasa tiga pula terdiri daripada K10, K11 dan K17, dan fasa terakhir meliputi K5, KTP dan K13.

"Setiap fasa ini diadakan selama satu hari dan keseluruhan 'roadshow' ini membabitkan tempoh masa 4 hari," katanya selaku Exco hubungan diplomatik dan komuniti MPPUPM.

Seorang pelajar Kolej Kelima (K5), Amir Ibrahim pula ketika ditemui berkata, para pelajar dapat mengenali secara lebih dekat lagi perwakilan MPPUPM di kolej masing-masing.

Lancarkan UPM 'Green Scout'

SERDANG - Majlis Perwakilan Pelajar (MPP) Universiti Putra Malaysia (UPM) dengan kerjasama Persatuan Mahasiswa Fakulti Pengajian Alam Sekitar (FAS) melancarkan satu program iaitu majlis Pelancaran Green Scout UPM baru-baru ini.

Pelancaran program ini disempurnakan oleh Timbalan Naib Canselor UPM, Prof. Dr. Mohd Fauzi Haji Ramlan (gambar) dan merupakan salah satu program yang dirancang sejajar dengan konsep Green Campus.

Dr Mohd Fauzi dalam ucapan pelancarannya berkata, para pelajar UPM harus menghayati konsep Green Campus ini dalam memelihara dan memulihara alam sekitar supaya generasi akan datang akan dapat menikmati udara bersih.

Menurut pengarah program ini, Koh Joo Fong, program Green Scout ini diwujudkan atas kesedaran dan inisiatif MPP serta FAS ialah usaha untuk memelihara alam sekitar daripada bahan berbahaya seperti polisterina.

"Polisterina digelar sebagai the white coffin dan bahan ini tidak mudah mereput serta mengambil masa yang lama untuk dicerna oleh tanah.

"Situasi ini akan membahayakan alam



sekitar di samping mencemarkan kawasan sekeliling kita serta menjadikan bumi dipenuhi dengan sampah yang tidak diperlukan," katanya yang juga memegang jawatan selaku Timbalan Yang Dipertua V MPP UPM.

Anugerah Media kali ke-3 Iktiraf Sumbangan Media



Oleh Khalrul Anuar Muhamad Noh
Foto oleh Noor Azreen Awang & Marina Ismail

SERDANG, 6 Ogos - Anugerah Media Universiti Putra Malaysia (UPM) 2010 kali ketiga mengiktiraf peranan media yang telah memberi sumbangan liputan berimpak tinggi terhadap aktiviti dan pencapaian UPM.

Naib Canselor UPM, Prof. Tan Sri Datuk Dr. Nik Mustapha R. Abdullah berkata peranan media mempublikasikan aktiviti dan pencapaian UPM bukan sahaja meningkatkan imej universiti tetapi berupaya menarik minat industri untuk mengkomersialkan teknologi penelitikannya.

Katanya seramai lapan juri ahli akademik UPM telah menilai sebanyak 2,501 bahan artikel dan

foto mengenai UPM di media cetak dan elektronik dari 1 Oktober 2009 hingga 30 Jun 2010 yang mempertandingkan 12 Anugerah Individu dan 6 Anugerah Organisasi.

"Pemenang terpilih berdasarkan bahan yang menaikkan imej, publisiti dan berimpak tinggi kepada UPM selain menyumbang kepada pembangunan sosial, ekonomi dan negara," katanya selepas merasmikan Anugerah Media UPM 2010 di sini.

Seramai 14 pemenang individu daripada pelbagai organisasi media memenangi 12 anugerah yang bernilai RM1000 hingga RM1,500

yang disampaikan oleh Naib Canselor UPM.

Pada majlis yang sama juga UPM melancarkan Kelab Sahabat Tribun iaitu kelab yang bakal dianggotai oleh pelajar yang berminat dalam bidang penulisan dan mereka akan dibimbing untuk menjadi penulis sambilan akhbar kampus UPM iaitu Tribun Putra yang terbit empat kali setahun.

Anugerah Media UPM tidak mempelawa pihak media mencalonkan penyertaan, sebaliknya Bahagian Komunikasi Korporat UPM mempunyai arkib bahan media mengenai UPM yang telah tersiar di dalam media sepanjang tahun untuk dikemukakan kepada juri.

KEPUTUSAN PENUH ANUGERAH MEDIA UPM 2009/2010

ANUGERAH INDIVIDU

BERITA TERBAIK

Khairina Yasin
Berita Harian

'Lapan Penyelidikan UPM Raih Anugerah Pingat IBS-Makmal Pertama Di Dunia Jalankan Penyelidikan Status Halal', 2 November 2009

RENCANA TERBAIK

Shamran Sarahan
Harian Metro

'UPM Lahir Robot Terbaik', 3 Mei 2010

RENCANA PENYELIDIKAN TERBAIK

Junhairi Alyasa
KOSMO!

'Makmal Halal Standard Dunia' 4 Jun 2010

FOTO TERBAIK

Shaari Che Mat
The Star

'Varsity's Green Project'

PENULIS TERBAIK (BAHASA INGGERIS)

Michael Sun Kok Keong
New Straits Times

'Communication Without Borders', 27 Jun 2010

PENULIS BERITA PRODUKTIF

Rosniza Md Taha@ Abd. Rahman
Berita Harian

PENULIS RENCANA PRODUKTIF

Ashriq Fahmy Ahmad
Mega, Utusan Malaysia

WARTAWAN HARAPAN

Hazwan Faisal Mohamad,
Berita Harian

WARTAWAN TV TERBAIK

Ismail Muhammad
Hello Malaysia, BERNAMA TV

'Sekuriti Makanan-Isu, Cabaran dan Masa Hadapan', 30 Jun 2010

&

Sherkawi Jirim
Hello Malaysia, BERNAMA TV

'Sekuriti Makanan-Isu, Cabaran dan Masa Hadapan', 30 Jun 2010

WARTAWAN BERITA TV TERBAIK

Salina Zakaria
Buletin Utama, TV3

'Penanaman Pokok Hutan UPM-Mitsubishi', 22-23 November 2009

&

Razak Ibrahim
Buletin Utama, TV3

'Penanaman Pokok Hutan UPM-Mitsubishi', 22-23 November 2009

ANUGERAH PENGHARGAAN KORPORAT

Julia Ismail, KOSMO!

PERSONALITI MEDIA UPM

Prof. Madya Dr. Mohammad Shatar Sabran
Pengarah, Pusat Kokurikulum, UPM

ANUGERAH ORGANISASI

LIPUTAN MEDIA TERTINGGI

Berita Harian

LIPUTAN MEDIA BAHASA MELAYU TERTINGGI

Berita Harian

LIPUTAN BERITA TV TERTINGGI

Berita TV1, RTM

LIPUTAN MEDIA BAHASA INGGERIS TERTINGGI

New Straits Times

LIPUTAN MEDIA BAHASA MANDARIN TERTINGGI

Sin Chew Daily

LIPUTAN ARTIKEL PENYELIDIKAN TERTINGGI

Mega, Utusan Malaysia

18 Students Lent A Helping Hand

By Syed Saifulazry Al-Edrus

TAWAU – A group of 18 students from Pendeta Za'ba residential College, Universiti Putra Malaysia (UPM) spent quality times with special children at the Sri Stella Children Shelter in Kota Kinabalu recently.

The UPM students put together an array of activities such as spring cleaning, group painting, and preparing meals for the children along with some leisure times to cheer them up.

Sri Stella's principal, Hussein Datu' Tambuyong said although the students got to spend only one day with the children, they had a blast nonetheless and it was clearly reflected on their happy faces.

The activity carried out at Sri Stella was one of the many Bakti Siswa 2010 programs outlined by the students' higher council where the 6-day program placed UPM students at 11 foster families and having the opportunity to get to know the people of Merotai Besar village better.

The students carried out a spring cleaning at the Hidayatul Iman mosque, Raudhatus-Salam Muslim cemetery as well as the community hall.

In addition, the students also had the opportunity to become motivational facilitators and shared their experiences under the theme, "What's Next After SPM" with 100 students at the Tawau Secondary school who will soon sit for their SPM.

Juriah Ahmad, the school's principal described the philanthropy



The UPM students cheer up the children by various activity.

act among the UPM students as a stepping stone to becoming a civilized member of community once they graduated.

The students also paid a visit to Air Panas Old folk's Home and lent a hand in cleaning, painting murals and held a jovial karaoke session.

Muhammad Taufiq Leong, the director said the day spent was significant to the elderly as it allowed them to feel belonged.

UPM's students community service gained live media coverage for 30 minutes by Tawau FM radio under the *Interaktif@tawau* FM program.



Observation of the elderly carried out by the Community Welfare Department.

Students Performed Charitable Work at Lembah Bujang

By Noralis Bujang

BEDONG - A number of 75 students from Universiti Putra Malaysia (UPM) organized a community service programme for 52 families at the Lembah Bujang traditional village from 3rd to 7th of May recently.

On the first day, families from different social background of farmers, fishermen, and planters opened doors for these students from Tun Dr. Ismail Residential College (KTDI) UPM as their homestay children throughout the programme.

The Community Service Organizing Chairperson, Nurul Akmah Ismail said the program, which carried the theme, 'Loving Family, Harmonious Community' was set to inculcate good values of living in a community with hope to generate responsible future leaders among the university students.

Among the activities carried out was the mass cleaning of the local community centre and the cemetery performed by the students in collaboration with a few government agencies, the locals; exploring the community's lifestyle in the Lembah Bujang area; experiencing hands-on the small industries of the locals such as small boat manufacturing, the making of *belacan* (shrimp paste) and *baulu* (egg muffin); exploring the fish and shrimps cage-culture, as well as the management of livestock.

Also included in the programme were cultural performance, the erect of UPM statuette at the Lembah Bujang village, sailing through Sungai Merbok river and putting together a grand feast with

the locals.

The five day programme is held in collaboration with the Federal Village Development and Safety Committee (JKKKP) of Kampung Pengkalan Bujang, Kampung Kuala Segantang Garam, Kampung Segantang Garam, Kampung Sungai Gelam, Kampung Teluk Che Lela, Kampung Ban Merbok, dan Kampung Bendang Dalam.

In addition, a number of 12 government agencies also participated in the programme, which has gained publicity through a special media coverage by RTM Kedah during a visit to PPK Merbok Agrotourism floating chalet.

Merbok Parliament Coordinator and UMNO Chief, Dato' Tajul Urus Mat Zain officiated the programme and assigned the families to their homestay children. He also took the time to launch a new book, 'Harapan Baru Rakyat Satu Malaysia' from Information Department of Kedah.

KTDI former president, Zulhizam Mohamad said the program has benefited the students enormously and it resonated well with UPM's motto, 'With Knowledge We Serve'.

"Students of institutes of higher learning should be keen on community service in order to add value to their academic repertoire and to build fine self esteem," he said.

Tou Chen San who participated in the programme suggested that the programme should be continued and revamped in terms of activities.

"I had nothing but fun during my participation in this programme and it could be improvised further particularly in time management and the activities outlined, hence mutually benefiting both students and the locals," he concluded.

Students Break Malaysia Record

SERDANG, 8 July – Students Association from the Faculty of Veterinary and Medicine (VETERNAK) Universiti Putra Malaysia (UPM) along with the Zoologico Association imprinted UPM into the 'Malaysia Book of Record' (MBR) for successfully gathering 1,100 dogs in the campus, the largest canine crowd ever recorded in the country.

It was in conjunction with 'Dogathon 2010' held recently at Expo Hill, UPM and the gathering has topped previous participation which registered only 611 dogs.

The record breaking event was witnessed by MBR representative, Leona Paul and the Dean from the Faculty of Veterinary Medicine, Assoc. Prof. Dr. Bashir Ahmad Fateh Mohamed.

Dogathon 2010 was held to help raise fund for the Faculty of Veterinary Medicine to maintain the 'Pro-Kasih' program in their bid to control the population of stray animals including dogs.

Deputy Vice Chancellor of UPM (Academic and International), Prof. Datin Paduka Dr. Aini Ideris said the 'Pro-Kasih' program is aimed to improve the welfare of free-roaming dogs.

MAViC Set to Spark Nationalism in Students

By Noralis Bujang

SERDANG, 1 June – Universiti Putra Malaysia (UPM) ignited the nationalism spirit among the students through the organizing of Merdeka Award Video Competition (MAViC) 2010.

The program is aimed to promote the spirit of unity and to highlight the 1Malaysia motto, apart from showing support to hopeful youth to highlight their talent in producing videos. The Merdeka Award Secretariat and the Department of Communication, Faculty of Modern Languages and Communication (FBMK) UPM put the program together in collaboration with the Perbadanan Kemajuan Filem Nasional Malaysia (FINAS) and ASTRO.

The Vice Chancellor of UPM, Prof. Tan Sri Datuk Dr. Nik Mustapha R. Abdullah said the program would act as a platform to showcase their talents in the creative industry particularly in playwrights, film and music.

"MAViC shall act as a platform for the students majoring in Communication, Broadcasting, Film and Multimedia to showcase their original masterpiece by translating the meaning of independence from their point of view," he said.

A number of 80 original masterwork out 150 submissions from the public and private institution of higher learning have been shortlisted and to be evaluated according to MAViC theme, 'Aku dan Merdeka' (Independence and

I) on 29 May recently.

After a challenging evaluation, five participants made it to the finals under the Public Service Announcement with a prize worth RM3,000 and another five for the Short Video category walked away with a prize worth RM5,000 during a press conference held here. The cash prize will be used to cover the cost of shooting which set to begin from the 1st of June to July 16th.

A couple of students from the Bachelor of Communication FBMK who have made it to the finals are Nur Hakimah Izzati Jaapar for her work, 'Titis-titis Kealpaan' under the Short Video category and Mohd Shakreen Razali for "Lain-Lain" under the Public Service Announcement category.

Nur Hakimah said she would produce an impactful video that redefines the meaning of independence especially to the youngsters.

"This is the first time that MAViC has come up with a theme that may trigger nationalism among the youths," she added.

In addition, Mohd Shakreen expressed his hopes that through MAViC, the public will able to perceive UPM students in a different light; that we are of excellence when it comes to expressing our creativity.

Apart from nurturing new talents in the creative industry, MAViC is set to highlight the quality of UPM students to the public," he said.

LMS Mantapkan Pembelajaran dan Pengajaran di UPM

Pembelajaran merupakan satu bentuk inovasi yang telah terbukti keberkesanannya. Adalah menjadi tanggungjawab Pusat Pembangunan Akademik (CADE) Universiti Putra Malaysia (UPM) untuk meneroka dan seterusnya mencadangkan inovasi bagi memantapkan proses pengajaran dan pembelajaran. CADe melihat penggunaan satu Sistem Pengurusan Pembelajaran (LMS) bagi seluruh kampus sebagai sebahagian usaha UPM untuk menyediakan prasarana yang lebih mantap bagi menyokong aktiviti Pembelajaran dan Pengajaran (P&P). CADe yakin LMS dapat membantu pensyarah memberi khidmat rundingan dan kemudahan capaian nota kuliah dengan lebih efektif sebagai pelengkap bagi pembelajaran secara bersemuka. **Ikuti temubual eksklusif Ketua Pengarang Eksekutif Tribun Putra, Prof. Dr. Sidek Ab. Aziz dengan Pengarah CADe Prof. Madya Dr. Aida Suraya Md. Yunus baru-baru ini.**



Prof Madya Dr Aida Suraya Md Yunus, Pengarah CADe.

TP (Tribun Putra) – Bagaimana dengan perkembangan LMS di UPM?

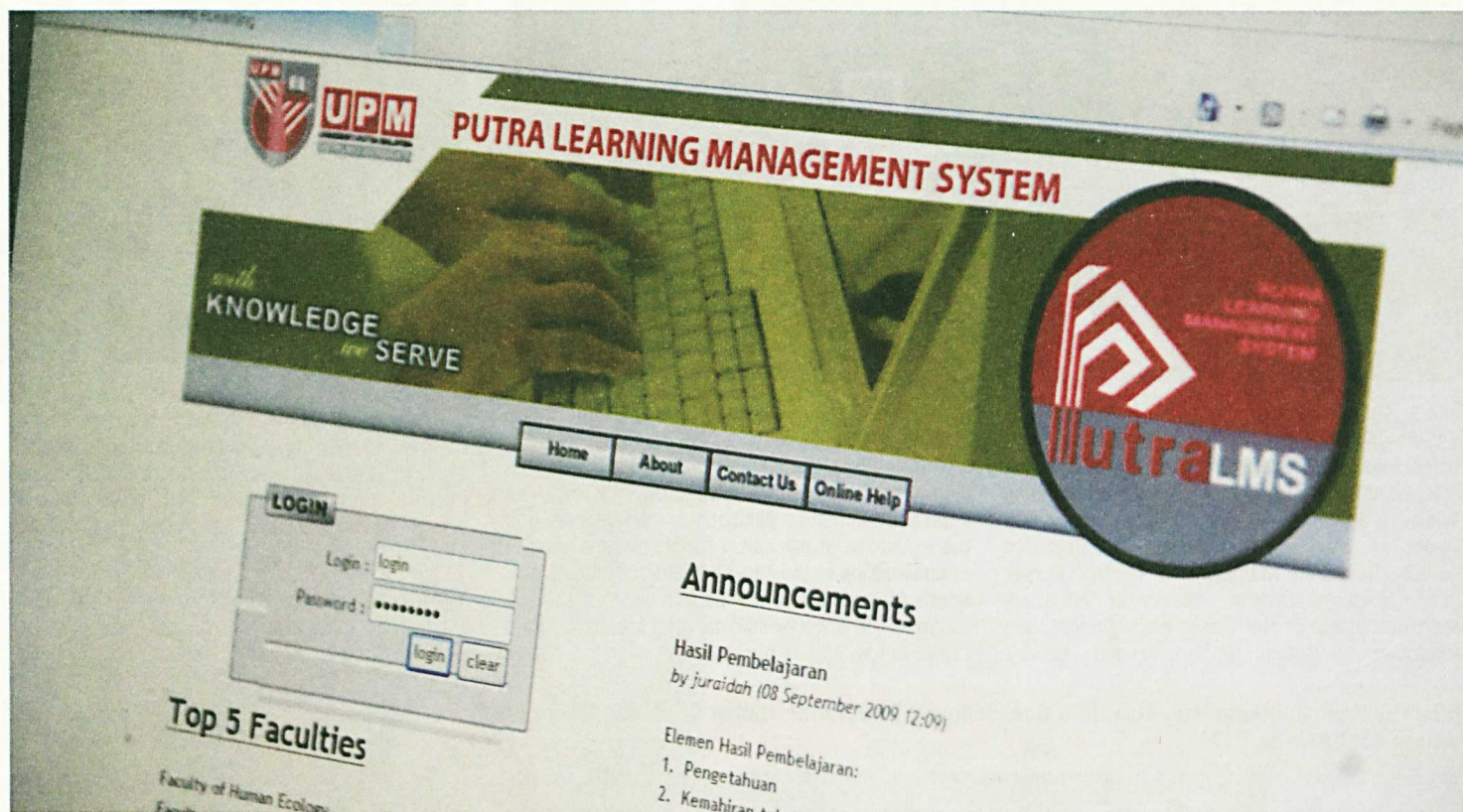
UPM kini memfokus terhadap penggunaan 1 LMS untuk keseluruhan kampus. Perkembangan penggunaan LMS di UPM boleh dijejak seawal tahun 80an dengan penggunaan Kelas Maya.

Kelas Maya merupakan LMS terawal yang dibangunkan di UPM pada akhir dekad 80-an oleh pensyarah Fakulti Sains dan Pengajian Alam Sekitar ketika itu. Kelas Maya menggunakan teknologi Lotus Notes. Bagaimanapun, LMS tersebut tidak begitu praktikal dan mesra pengguna kerana sebarang perubahan versi memerlukan pengemaskinian versi Lotus Notes pada sistem pelayan dan pada setiap komputer pengguna.

Dengan itu, LMS alternatif yang berasaskan teknologi web perlu dipertimbangkan agar sistem yang diguna lebih fleksibel dan mudah untuk penyelenggaraan terutama sewaktu kemunculan era internet di rantau Asia ketika itu. Satu usaha untuk mengatasi masalah tersebut adalah dengan membangunkan LMS sendiri. Maka sekumpulan penyelidik Institut Multimedia dan Perisian, UPM pada akhir dekad 90-an berjaya membangunkan Sistem e-Pembelajaran yang dikenali sebagai eSPRINT v1.0 (Sistem Pengurusan Rangkaian Integrasi Nota-Kuliah atas Talian). Seterusnya pada tahun 2003, pemantapan eSPRINT v2.0 dilaksanakan dengan menaiktaraf sistem eSPRINT v1.0, dengan mengambil kira kelemahan dan kekurangan fungsian versi awal. Kebetulan, saya terlibat sama dengan kajian untuk pembangunan eSPRINT v2.0.

TP – Perkembangan eSPRINT v2.0 seterusnya?

Matlamat utama pembangunan eSPRINT v2.0 adalah untuk meningkatkan prestasi sistem dengan beberapa penambahan fungsian mengikut keperluan semasa aktiviti pengajaran dan pembelajaran. Di samping paparan antaramuka yang lebih



Sistem LMS boleh dilawati melalui <http://lms.upm.edu.my>.

menarik berbanding versi terdahulu, eSPRINT v2.0 menambah fungsian efektif menerusi modul nota kuliah, tutorial, info dan tugasan di mana pengajar boleh memasukkan nota berkaitan dan maklumat berkenaan kursus yang akan dan telah diajar. Selain daripada itu, sistem tersebut juga menyediakan modul forum yang membolehkan pelajar dan pengajar berinteraksi antara satu sama lain.

"Antara kebaikan sistem adalah menyediakan satu platform untuk pengajar membuat dan mengurus kegiatan akademik dan memudahkan pelajar mengakses nota melalui internet."

TP – Bagaimana pula dengan Putra Learning Management System (PLMS)?

Era Pembangunan LMS di UPM diteruskan pada tahun 2006 menerusi projek Putra Learning Management System (PLMS). Objektif pembangunan PLMS adalah menyediakan satu platform bagi membolehkan pengajar membuat dan mengurus kegiatan akademik, di samping dapat mewujudkan medan interaksi antara pelajar dengan pensyarah bagi pemantapan ilmu melalui teknologi internet.

PLMS telah diterima pakai sebagai salah satu sistem Pengurusan Pembelajaran alternatif di UPM. Pelbagai usaha penambahbaikan telah dilakukan ke atas sistem dengan menambah beberapa fungsian sistem mengikut kehendak pengguna yang terdiri daripada pensyarah UPM. Usaha penambahan fungsian sistem adalah amat perlu dilaksanakan agar sistem sesuai digunakan dan mengikut perkembangan terkini.

TP – Apakah harapan Dr Aida terhadap pembangunan LMS di UPM?

Kami akui bahawa PLMS atau eSPRINT telah banyak membantu pensyarah dan pelajar membudayakan ICT dalam aktiviti pengajaran dan pembelajaran. Antara kebaikan sistem adalah menyediakan satu platform untuk pengajar

membuat dan mengurus kegiatan akademik dan memudahkan pelajar mengakses nota melalui internet. Di samping itu, LMS tersebut berfungsi untuk mewujudkan medan interaksi antara pelajar dengan pensyarah bagi pemantapan dan penyebaran ilmu ke peringkat global. Walaupun PLMS atau eSPRINT telah banyak membantu sebilangan besar pensyarah dalam membudayakan e-Pembelajaran, masih terdapat kekurangan fungsian. Kedua-dua sistem tidak mempunyai pawaian antarabangsa iaitu "SCORM Compliance". Selain itu, didapati pensyarah di UPM juga menggunakan platform LMS yang berlainan.

TP – UPM kini mempunyai LMS yang dapat dibanggakan. Boleh Dr Aida jelaskan.

Penggunaan platform LMS yang pelbagai menyebabkan kesukaran untuk penambahbaikan dan penyelenggaraan kerana ia memerlukan peruntukan kewangan yang tinggi dari segi peralatan dan pakar yang mengendalikan. Oleh yang demikian, CADe berpendapat perlunya satu LMS seragam digunakan oleh semua warga UPM.

Ketiadaan LMS tunggal juga menyebabkan tiada pangkalan data seragam dan ini mengakibatkan kesukaran untuk melaksanakan selenggaraan sistem. Laporan juga tidak dapat dikeluarkan dengan segera kerana penggunaan pangkalan

data yang berasingan untuk rujukan. LMS yang seragam akan mewujudkan satu pangkalan data bersepadu dan sistematik untuk berkongsi kandungan pembelajaran sistem pakar UPM. Ini akan memberi lebih ruang kepada pensyarah UPM untuk menumpukan masa kepada penyelidikan dan pada masa yang sama, kualiti pengajaran dan pembelajaran dapat dipertingkatkan. Selenggaraan sistem dan penyelarasan e-Pembelajaran juga mudah dilaksanakan dengan penggunaan satu LMS. Alhamdulillah kini mulai awal Julai 2009, UPM mempunyai satu LMS tunggal yang dikenali sebagai PutraLMS yang boleh diakses melalui <http://lms.upm.edu.my>.

Usaha UPM dalam membudayakan penggunaan LMS ini telah kami tulis dan terbitkan sebagai satu bab dalam buku terbitan antarabangsa. Maklumat bab ini adalah seperti berikut:

Aida Suraya Md. Yunus, Hamidah Meseran & Zaidan Abdul Wahab (2010). Enculturation of the Utilization of Learning Management System: Experience of Universiti Putra Malaysia. In S. Mukherji & P. Tripathi, Cases of Interactive Technology Environments and Transnational Collaboration: Concerns and Perspectives, 323 – 340. Hershey, PA: IGI Global.

Ikuti siri kedua temubual eksklusif ini di Tribun Putra keluaran akan datang.



Pegawai CADe menguji sistem LMS di dalam makmal.

By Norafzan Jaafar and Kalpana Subramaniam, Section of International Relations, Corporate Communication Division (CCD)

Photos by International Section, CCD

International Visitors

Zimbabwe University to Benefit from 4 Weeks Visit



June 1 - Mr. S.M. Chevo, a Registrar from University of Zimbabwe stayed for 4 weeks at UPM for a Professional Attachment Program. Mr. Chevo was attached at the Registrar Office, Corporate Planning Division, Students Affairs Division, Graduate School of Management, School of Graduate Studies, Research Management Centre, Bursar Office, Academic Division, Faculty of Veterinary Medicine, Office of the Asset Management and Development, Sultan Abdul Samad Library,

Institute of Bioscience, Student Health Centre and Security Division.

After 4 weeks of valuable input, Mr. Chevo was highly impressed with what UPM has to offer. "I was impressed with the organization's management and the execution of my visit. I have visited a number of universities in the UK, East Africa, Namibia and South Africa, I found the performance of UPM is exceptionally good by international standard," said Chevo before ending his visit.

Visit by Prof. A. Memariani, Scientific Counsellor & Director of Iranian Students Affairs in South East Asia to UPM



June 18 - Prof. A. Memariani, the Scientific Counsellor & Director of Iranian Students Affairs in South East Asia, Embassy of the Islamic Republic of Iran visited UPM to discuss matters of mutual benefit with Prof. Tan Sri Datuk Dr. Nik Mustapha R. Abdullah, Vice Chancellor, UPM. In order to promote and diversify the scientific

collaboration with Malaysian universities, the Ministry of Science, Research and Technology, Government of the Islamic Republic of Iran, has made the decision to renew the accreditation of the universities. Prof. Memariani also took this opportunity to meet the Iranian students' committee for a dialogue session.

President Gomal University, Dera Ismail Khan, Pakistan Pays A Visit To UPM



August 3 - Prof. Dr. Mansoor Akhbar Kundi, President, Gomal University, Dera Ismail Khan, Pakistan paid an honourable visit to UPM to discuss on placement of lecturers from Gomal University into the PhD programs in UPM.

Prof. Mansoor met up with representatives from School of Graduate Studies, Faculty of Agriculture, Faculty of Veterinary Medicine, Faculty of Medicine and Health Sciences and International Centre.

Visit by Delegates from Glasgow University, UK



June 10 - Prof. Andrea Nolan, Deputy Vice Chancellor and Ms. Helen Marie Clayton, Senior International Officer paid an honourable visit to UPM, thus making a way for future collaboration between the two universities. The professor was scheduled to meet up with Prof. Tan Sri Datuk Dr.

Nik Mustapha R. Abdullah, Vice Chancellor, UPM and Prof. Datin Paduka Dr. Aini Ideris, Deputy Vice Chancellor (Academic and International), UPM on talks about educational programs. In addition, Prof. Andrea Nolan also visited the Faculty of Veterinary Medicine, UPM as an external examiner.

Visit by Delegates from Sher-E-Bangla Agricultural University, Dhaka



July 9 - Prof. Zahidol Haque, Department of Agriculture and Extension visited UPM and met up with Datin Paduka Dr. Aini Ideris, Deputy Vice Chancellor (Academic and International) and Prof. Dr. Mad Nasir Shamsudin, Dean, Faculty of

Agriculture. The purpose of the visit is to observe and discuss future cooperation mainly in the field of agriculture. The delegates were optimistic that UPM will be a role model for Sher-E-Bangla Agricultural University.

Visit by Delegates from Yogja State University, Indonesia



July 8 - A delegation led by Prof. Nurfina, Deputy Vice Chancellor (Academic), Yogja State University visited UPM in a bid to initiate collaboration on research and student exchange from both

institutions. The delegates were optimistic that this particular visit will bear fruitful cooperation in the near future for both institutions.

Pertanika Broadens Its Wings!

By Diyana Nawar Kasimon and Erica Kwan Lee Yin

Getting your papers published in journals is one of the most recognised ways to get your novel ideas acknowledged. On top of that, a journal generally helps craft those ideas in a very coherent and scientific manner. Since research has become a valuable asset to higher learning institutions today, it is for this reason why most universities make efforts in managing their own journals. This definitely involves several steps which begin from submission to acceptance before an article eventually gets published.

Although UPM's hallmark journals, *Pertanika* series (*Journal of Tropical Agricultural Science*, *Journal of Science and Technology* and *Journal of Social Sciences and Humanities*) which were humbly started some 32 years ago, are now gaining their momentum and recognition as Malaysian journals of good repute. From being timely on its publication schedule, "we are now focusing on reducing the lag time to about 12 weeks," says the Executive Editor of *Pertanika* journals.

Therefore, to alleviate those notions and get back their reputability, prominent Editorial and Advisory Board members have been appointed for each journal. The board is now fortified by members that encompass high profile academicians who are not only experts in their respective areas, but are also internationally recognized.

The *Pertanika* Editorial Office is proud to declare that each of the six issues that it publishes in a year is now available online, right on time. The Executive Editor stated that the journals have accomplished their first milestone of being timely as per the journals' publication schedules, and achieved a good rejection rate of papers submitted to *Pertanika*, demonstrating an adherence of a high quality peer-review prior to any acceptance or rejection of each paper.

Conferences are known for being excellent platforms in promoting new ideas. Recently, UPM invited Professor Kim as a speaker for a workshop on 'Secured Wireless Network towards Secured Nation: Computer Network and Wireless Network Workshop' which was jointly organised by the Faculty of Computer Science and Information Technology, CyberSecurity Malaysia and the Ministry of Science, Technology and Innovation (MOSTI). This initiative was a subsequence to the accomplishment of the Memorandum of Understanding (MOU) signing between UPM and Ajou



BRINGING PEOPLE CLOSER: Professor Ki-Hyung Kim (2nd from right) from AJOU University, Korea with Professor Mohamad Othman and Dr. Nayan Kanwal on his right and Ms. Erica Kwan Lee Yin on his left.



PERTANIKA IN THE LIMELIGHT: The Thomson-Reuters workshop organized by RMC, another successful event that left several participants coming back for more!



BRIDGING UPM-THOMSON AFFILIATION: Thomson-Reuters key speaker, Dr. Lim Khee-Hiang left the participants mesmerized with his effective talk.

University. To further enhance the internalization aspect of its editorial board, *Pertanika* invited Professor Ki-Hyung Kim as a member of the Journal of Science and Technology (JST) Editorial Board.

In line with the university's objective to obtain an ISI status for *Pertanika* journals, RMC organized a one-day UPM-Thomson Reuters workshop in April this year, in collaboration with Thomson Reuters. Participants of the Journal Workshop 2010 were mesmerized by the guest speaker, Dr. Lim Khee-Hiang, the Principal Trainer-Customer Education of Thomson Reuters. His topic for the afternoon session emphasised on the Tools for Better Research and Academic Writing, which

included an introduction to the ISI Web of Knowledge, the ISI journal selection process, and journal citation report on the ISI Web of Knowledge. The participants were also interactively in the hands-on training session on the ISI Web of Science (Citation Indexes) and Journal Citation Reports (Impact Factors).

In its continuous efforts to make *Pertanika* a highly regarded academic journal, a Code of Ethics was recently developed. "This is primarily intended to specifically address issues pertaining to publication ethics and conducts such as plagiarism, authorship and copyright, as well as other relevant matters which are apparently becoming visible," says Dr Nayan Kanwal.

Pertanika Journals

Forthcoming Articles.....

Journal of Tropical Agricultural Science



Diversity in Rice Genotypes Under Salt Affected Soil Based on Multivariate Analysis

A. Anandan, R. Eswaran and M. Prakash
JTAS-00137-2008

Physical Characteristics and Weight Relationship of *Gigantochloa Scortechinii* (Buluh Semantan) 1-, 2- and 3-Years Old Natural Stand Bamboo

Azmy HJ, Mohamed, Othman Sulaiman and Razak Wahab
JTAS-0161-2009

Short-term Changes in the Soil Physical and Chemical Properties due to Different Soil and Water Conservation Practices in a Sloping Land Oil Palm Estate

Christopher Teh Boon Sung, Goh Kah Joo, Law Chiu Chien and Seah Tiong Seng
JTAS-0164-2009

Accumulation and Depuration of Cu and Zn in the Blood Cockle *Anadara granosa* (Linnaeus) under Laboratory Conditions

Yap, C. K., Muhamad Azlan, A. G., Cheng, W.H. and S.G. Tan
JTAS-0166-2009

Relationships of Distribution of Macrobenthic Invertebrates and the Physico-Chemical Parameters from Semenyih River by using Correlation and Multiple Linear Stepwise Regression Analyses

Yap, C. K. and Rahim Ismail, A.
JTAS-0188-2009

ITS-PCR-RFLP Analysis of *Ganoderma* sp. Infecting Industrial Crops

Nusaibah S.A., Latiffah Z. and Hassaan, A.R.
JTAS-0190-2009

The Spatial Interconnection between Agro-ecological Dissimilarities and Poverty in Bangladesh: A Case Study

Md. Jahan Boksh Moral and Ruslan Rainis
JTAS-0191-2009

Evaluation of the Use of Farmyard Manure on a Guinea Grass (*Panicum maximum*) - Stylo (*Stylosanthes guianensis*) Mixed Pasture

Ahmed S.A., Halim, R.A. and Ramlan, M. F.
JTAS-0192-2009

Carcass Compositions in Three different Breeds of Chicken and Their Correlation with the Growth Performance

IH Lokman, ABZ Zuki, YM Goh, AQ Sazili and MM Noordin
JTAS-0193-2009

Impacts of Livestock Grazing on Selected Soil Chemical Properties in Intensively Managed Pastures in Peninsular Malaysia

Majid Ajorlo, Ramdzani Bin Abdullah, Ahmad Husni Mohd. Haniff, Ridwan Abd. Halim and Mohd Kamil Yusoff
JTAS-0195-2009

Heavy Metal Concentrations in Ceiling Fan and Roadside Car Park Dust Collected from Residential Colleges in Universiti Putra Malaysia, Serdang, Selangor

C. K. Yap, Chew, W. Y., and S. G. Tan
JTAS-0197-2009

The Distribution of Palms and Pandans in Teluk Bahang Permanent Forest Reserve, Penang

Asyraf Mansor and Rahmad Zakaria
JTAS-0199-2009

Phylogenetic Relationships among Different Breeds of Domestic Chickens in Selected Areas of Peninsular Malaysia Using RAPD Markers

Yap Fook Choy and Jayaraj Vijaya Kumaran
JTAS-0209-2009

Mas Cotek (*Ficus Deltoidea*) A Possible Supplement for Type II Diabetes: (A Pilot Study)

S.Draman, M. AM Aris, Razman, Akter SFU, Azlina H., Nor Azlina A. R, Muzaffar, Norazlan Shah H. and Azlan
JTAS-0211-2009

Current ZP3-based Immunocontraceptive Vaccine for Free Ranging Wild Pest Lo, S.C., Zeenathul, N.A, Sheikh Omar, A.R. and Mohd. Azmi, M.L

Savanam Chandra Sekhar and Bhaskara Rao, V.K.
JTAS-0214-2009

Comparison of Anthocyanin and Phenolic Contents between Tuber and Callus of *Ipomoea batatas* (L.)

Seow Ying Chen, Wai Sum Yap and Wilson Thau Lym Yong
JTAS-0215-2009

Genotyping of Sarawak Rice Cultivars Using Microsatellite Markers

Lee, H. H., Neoh, P. P. N., Bong, W. S. T., Puvaneswaran, J., Wong, S. C., Yiu, P. H. and Rajan, A.
JTAS-0223-2009

Fish Biodiversity Survey (2009) of Streams in the Ayer Hitam Forest Reserve, Puchong, Selangor

Yu Abit, L., I.S. Kamaruddin, Z. Mohd-Rozhan, M.Y. Ina-Salwany and A.S. Mustafa- Kamal
JTAS-0226-2009

Diversity and Morphological Characteristics of *Aspergillus* species and *Fusarium* species Isolated from Cornmeal in Malaysia

Nithiyaa, P., Nur Ain Izzati, M.Z., Umi Kalsom, Y, Salleh, B.
JTAS-0228-2009

Utilization of Glucose Recovered by Phase Separation System from Acid-Hydrolysed Oil Palm Empty Fruit Bunch for Bioethanol Production

Mohd Huzairi Mohd Zainudin, Nor'Aini Abdul Rahman, Suraini Abd-Aziz, Masamitsu Funaoka, Takanori Shinano, Yoshihito Shirai, Minato Wakisaka, Mohd Ali Hassan
JTAS-0246-2010

Applicability of Viroptosis in Veterinary Practice: A Short Review

Abdulazeez O. Ibrahim, Abu Bakar Z. Zuki and Mustapha M. Noordin
JTAS-0252-2010

Detection of Kol Herpesvirus (KHV) in *Cyprinus carpio* (kol) Stocks using Enzyme-Linked Immunosorbent Assay (ELISA)

Azila, A., Way, K., Wood, G., Ainol, Y. M. Y., Kamisa, A., Norfauzana, M. A., Jafrizah, A. R. and Sabri, M. Y
JTAS-0254-2010

Malaysian Horseshoe and Roundleaf Bats

Sazali, S.N., Besar, K. and Abdullah, M.T.
JTAS-0280-2010

Aggregate Stability of Tropical Soils in Relation to their Organic Matter Constituents and Other Soil Properties

Christopher Teh Boon Sung
JTAS-0296-2010

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For the two 2011 issues, papers must be submitted only via the **Executive Editor's office**. Please feel free to contact the executive editor at ndeeps@admin.upm.edu.my for guidance on the Online submission process.

Please find the journal's profile at:
<http://www.pertanika2.upm.edu.my/jpertanika/index.htm>

Foto oleh Noor Azreen Awang dan Marina Ismail

FSKTM – Melestari Kecemerlangan ICT

Fakulti Sains Komputer dan Teknologi Maklumat (FSKTM) ditubuhkan pada 1 Oktober 1998 selaras dengan perkembangan pesat sains komputer dan teknologi maklumat dan keperluan tenaga mahir dalam bidang berkenaan di negara ini. Penubuhan fakulti ini adalah hasil menaik taraf Jabatan Sains Komputer yang dahulunya di bawah Fakulti Sains dan Pengajian Alam Sekitar. Jabatan Sains Komputer itu sendiri telah ditubuhkan pada Mac 1992 untuk memantapkan pengendalian program Bachelior Sains Komputer dan Diploma Sains Komputer yang telah ditawarkan semenjak tahun 1982. Sebelum kewujudan jabatan ini, kedua-dua program pengajian tersebut telah dikendalikan oleh Jabatan Matematik.

Pada Jun 2001 FSKTM telah berpindah ke bangunan baru. Pada awal Mei 2010 yang lalu sebahagian dari pentadbiran FSKTM telah berpindah ke bangunan tambahan yang telah dibangunkan bersebelahan dengan blok bangunan sedia ada. Setakat ini FSKTM telah mempunyai 3 blok bangunan yang terdiri dari Blok A, Blok B dan Blok C. Seajar dengan keperluan pengajaran dan pembelajaran fakulti telah menyediakan 13 makmal komputer dan 13 makmal penyelidikan dengan kemudahan komputer sebanyak 725 unit. Di samping itu fakulti juga menyediakan kemudahan asas yang lain iaitu sebuah Dewan Kuliah Utama yang boleh memuatkan seramai 200 pelajar, 3 buah Bilik Kuliah dengan kapasiti muatan 50 – 80 pelajar dan 2 buah Bilik Seminar yang boleh memuatkan 50 orang pelajar setiap satu.

Bagi mengetahui rentetan kecemerlangan FSKTM, wartawan Tribun Putra Noor Eszereen Juferi telah menemubual Dekan FSKTM, Prof. Dr. Abdul Azim Abd. Ghani baru-baru ini. Ikuti hasil temu bual tersebut.



Prof. Dr. Abdul Azim Abd. Ghani, Dekan FSKTM.

Tribun Putra (TP) : Kekuatan kepakaran, tenaga pengajar dan program pengajaran di FSKTM?

Pada masa ini, fakulti menawarkan satu program prasiswazah yang mempunyai empat pengkhususan pada peringkat bachelior iaitu Bachelior Sains Komputer Pengkhususan Sistem Komputer, Bachelior Sains Komputer Pengkhususan Multimedia, Bachelior Sains Komputer Pengkhususan Kejuruteraan Perisian dan Bachelior Sains Komputer Pengkhususan Rangkaian Komputer dengan jumlah keseluruhan pelajar seramai 568 orang. Dari awal penawaran program Bachelior Sains Komputer sehingga kini, seramai 6420 graduan telah dilahirkan daripada semua program prasiswazah yang ditawarkan. Pada peringkat pascasiswazah pula, FSKTM menawarkan program Master Sains Komputer dengan tiga bidang pengkhususan iaitu Kejuruteraan Perisian, Pengkomputeran Teragih dan Sistem Multimedia. Manakala Program Master Sains dan Doktor Falsafah (PhD) menawarkan 13 bidang pengajian iaitu Bahasa dan Sistem Pengaturcaraan, Dapatan Semula Maklumat Multimedia, Grafik Komputer, Kejuruteraan Perisian, Keselamatan dalam Komputeran, Pengkomputeran Cerdas, Pengkomputeran Selari dan Teragih, Penglihatan Komputer, Pengurusan Pengetahuan, Rangkaian Komputer, Sistem Maklumat, Sistem Multimedia dan Sistem Pangkalan Data dengan jumlah keseluruhan pelajar adalah seramai 398. Sejak awal penubuhan fakulti sehingga kini, FSKTM



Mercu tanda bangunan hadapan fakulti.

telah melahirkan seramai 813 graduan program pascasiswazah.

Kini, FSKTM beroperasi dengan 4 jabatan berasaskan sains komputer dan ICT (Information and Communication Technology) iaitu Jabatan Sains Komputer, Jabatan Multimedia, Jabatan Sistem Maklumat dan Jabatan Teknologi Komunikasi dan Rangkaian. Fakulti mempunyai seramai 103 orang staf akademik yang terdiri

“FSKTM merupakan di antara fakulti yang awal menerima status MSC yang diberikan oleh Multimedia Development Corporation (MDeC).”

daripada 2 orang Profesor, 9 orang Profesor Madya, 29 orang Pensyarah Kanan, 25 orang Pensyarah dan 38 orang Tutor yang mempunyai kepakaran dalam pelbagai bidang. Peratusan pensyarah FSKTM yang berkelayakan Doktor Falsafah adalah sebanyak 70%.

Selain daripada itu, FSKTM bekerjasama dengan Fakulti Ekologi Manusia untuk program dwimajor Bachelior Sains (Pembangunan Manusia dan Teknologi Maklumat).

TP : Pencapaian dan pengiktirafan terhadap fakulti yang cemerlang di dalam dan luar negara melibatkan pensyarah dan pelajar.

Fakulti merupakan di antara fakulti yang awal menerima status MSC yang diberikan oleh Multimedia Development Corporation (MDeC). Selain daripada itu, fakulti telah dipilih sebagai IPT untuk kajian awal dalam pembentukan standard pengkomputeran Agensi Kelayakan Malaysia (MQA).

Majlis Anugerah Penyelidik Cemerlang (APC) 2007 telah diadakan untuk mengiktiraf para penyelidik cemerlang Universiti Putra Malaysia (UPM). Pada majlis ini, Prof. Dr. Mohamed Othman telah menerima Anugerah Penerbitan Cemerlang bagi Kelompok Sains dan Teknologi.

Manakala pada Majlis Gemilang Akademia Putra (MGAP) 2009, Dr. Shamala Subramaniam telah menerima Anugerah Pengajaran Putra bagi kategori Pengajar Muda. Hasil inovasi dan dengan kreativiti beliau yang tinggi dalam pembangunan pengajaran dan pembelajaran menerusi hasil seperti penulisan nota kuliah, buku, modul dan bahan pengajaran lain telah menyebabkan beliau tercalon dan seterusnya menerima anugerah tersebut. Beberapa pelajar fakulti juga telah menerima Anugerah Pelajar Terbaik daripada Exxon Mobil Malaysia semenjak tahun 2007. Beberapa staf dan pelajar fakulti juga telah menerima anugerah Merit dalam Imaging Cup Competition dan Business Plan Competition.

Fakulti juga mendapat pensijilan MS ISO

9001:2000 pada 27 Julai 2007 untuk tempoh tiga tahun. Pada tahun 2009, selaras dengan peralihan standard kepada MS ISO 9001:2008, fakulti telah berjaya mendapat pensijilan MS ISO 9001:2008.

TP : Sejauh mana kejayaan penyelidikan dan penerbitan fakulti? (dalam dan luar negara)

FSKTM telah berjaya memperoleh dana penyelidikan e-Science Fund daripada Kementerian Sains, Teknologi dan Inovasi (MOSTI), Skim Geran Penyelidikan Fundamental (FRGS) daripada Kementerian Pengajian Tinggi Malaysia (KPT) dan Skim Geran Universiti Penyelidikan (RUGS).

Pada tahun 2009, FSKTM telah menerima sebanyak RM316,800.00 daripada e-Science Fund, RM100,000.00 diperolehi di bawah Skim FRGS dan sebanyak RM402,280.00 diperolehi di bawah Skim RUGS. Perolehan dana ini telah menjadi pemangkin ke arah pembangunan penyelidikan yang dapat memberikan sumbangan dalam dunia ICT. Sehingga kini FSKTM telah memperoleh keseluruhan peruntukan dana penyelidikan sebanyak RM 5.8 juta.

Penyelidik di fakulti juga telah menunjukkan kejayaan dengan memenangi anugerah dalam beberapa pameran yang dianjurkan di peringkat universiti, kebangsaan dan antarabangsa. Pada Pameran Rekacipta Penyelidikan dan Inovasi UPM yang bermula dari tahun 2002, FSKTM telah menerima 32 pingat emas, 64 pingat perak dan 57 pingat gangsa. Penyelidik FSKTM juga memenangi beberapa anugerah di peringkat kebangsaan seperti Ekspo Teknologi Malaysia (MTE 2006 - 2009) (1 emas, 1 perak dan 9 gangsa), Ekspo Penyelidikan dan Ciptaan IPTA 2007 (1 gangsa) dan Malaysia International Invention, Innovation and Technology Exhibition 2008 (1 perak). Di peringkat antarabangsa pula, penyelidik FSKTM turut memenangi beberapa anugerah seperti di Invention and New Product Exposition 2007 (1 perak), British Invention Show, British Inventors Society 2007 (1 emas) dan Innova-Eureka Brussels Exhibition 2007 (1 emas).

Fakulti juga telah menunjukkan peningkatan

dalam penerbitan makalah. Pada tahun 2009, sebanyak 126 makalah telah diterbitkan dalam jurnal indeks sitasi (citation indexed), 46 dalam jurnal indeks bukan sitasi (non-citation indexed), 1 buku, 13 bab dalam buku, 34 prosiding persidangan dan 3 untuk penerbitan lain. Tiga daripada prosiding persidangan antarabangsa telah berjaya memenangi anugerah “Best Paper Award”. Jumlah keseluruhan penerbitan fakulti sejak 2002 adalah sebanyak 930 makalah. Selain itu, dua permohonan paten daripada penyelidik FSKTM telah berjaya difailkan ke Perbadanan Harta Intelek Malaysia (MyIPO).

TP : Formula kejayaan dan perancangan masa depan fakulti untuk mencapai kecemerlangan

Untuk mencapai kejayaan, prinsip sebaik-baik manusia ialah orang yang memberi manfaat kepada orang lain menjadi penekanan. Penekanan kepada prinsip ini selari dengan tujuan tugas harian yang dilaksanakan oleh setiap staf fakulti. Prinsip ini juga bertepatan dengan motto UPM “BERILMU BERBAKTI”.

Sehubungan dengan itu fakulti akan sentiasa menyemak kurikulum pengajian agar ianya bersesuaian dengan perkembangan ilmu, teknologi, dan pasaran. Untuk mengukuhkan sumber manusia dalam usaha melaksanakan tugas secara berterusan, keperluan kepada latihan terhadap penemuan dan teknologi baharu ICT akan dititik beratkan.

Manakala kumpulan penyelidikan bersama-sama dengan fakulti di galakkan untuk terus berusaha mempromosi program pengajian siswazah dan penyelidikan agar dapat menarik ramai pelajar siswazah yang berkualiti menyambung pengajian di UPM. Kursus pendek yang bersesuaian dengan keperluan pelajar siswazah akan diadakan agar dapat membantu pelajar siswazah menjalankan kerja penyelidikan dengan lancar.

Selain daripada itu usaha untuk menjalinkan hubungan dengan industri ICT tempatan dan antarabangsa, dan universiti luar negara akan dipergiatkan.



Suasana pembelajaran di dalam makmal komputer.



Foto | Marina Ismail

Ziarah Ramadan Bantu Pelajar

Oleh Mohd. Faisal Md Noor

SERDANG, 1 Sep – Bahagian Hal Ehwat Pelajar (BHEP) Universiti Putra Malaysia (UPM) menganjurkan program Ziarah Amal Ramadan bagi membantu pelajar-pelajar fakir UPM menyambut Hari Raya Aidilfitri.

Timbalan Naib Canselor (HEPA) Prof. Dr. Mohd Fauzi Ramlan berkata seramai 17 orang pelajar UPM daripada keluarga fakir miskin dan daif diberi bantuan zakat RM1,000 berserta barangan dapur bernilai RM200.

"Program bertujuan membantu pelajar dan keluarga mereka untuk membuat persiapan menyambut Hari Raya Aidilfitri dengan lebih sempurna.

"Program tahunan kali ketiga itu memulakan penyerahan bantuan kepada tiga pelajar dari Sabah dan Sarawak yang tidak pulang berhari raya

kerana kesempitan wang," katanya.

Baki serahan kepada 14 pelajar lagi akan dihantar oleh wakil BHEP kepada rumah pelajar terbabit di kampung masing-masing.

Pelajar Bacelor Pendidikan Sains Rumah tangga, B.B Atika Yusof dari Tawau, Sabah berkata sumbangan itu adalah kali pertama yang diterimanya.

"Saya bersyukur kerana UPM mengambil berat terhadap kami yang susah," katanya yang berasal dari Tawau, Sabah.

Pelajar Bacelor Pendidikan Moral dari Kota Belud Sabah, Ramadhan Muntaha pula berkata beliau bersyukur kerana terpilih daripada ramai pelajar yang memohon bantuan.

"Saya berharap sumbangan ini boleh membantu bapa saya yang berpendapatan sebanyak RM150 sebulan sebagai petani," katanya lagi.

Sukan

UPM Juara Keseluruhan Kejohanan Golf IPT

Oleh Noor Eszereen Juferi

KUCHING - Universiti Putra Malaysia (UPM) meraih johan keseluruhan Kejohanan Golf IPT Malaysia Ke-38 yang dianjurkan oleh Universiti Malaysia Sarawak (UNIMAS) pada 5-6 Jun lalu di Kelab Golf Sarawak, Petra Jaya Kuching dan Sarawak Club Golf & Resort, Kota Samarahan, Sarawak.

UPM yang diketuai Zolkepli Othman selaku kapten golf menjuarai kategori tetamu dan nett dengan skor 219 dan 575, manakala Universiti Teknologi Mara (UiTM) menjuarai kategori gross

dengan skor 644 dan Universiti Pertahanan Nasional Malaysia menjuarai kategori VIP dengan skor 217.

Kejayaan UPM melayakkannya dinobatkan sebagai juara keseluruhan, manakala UiTM dianugerahkan sebagai kontijen terbaik kejohanan. Sebanyak 20 IPT awam, dua wakil IPT swasta serta wakil Kementerian Pengajian Tinggi terbabit dalam kejohanan kali ini.

Kejohanan Golf Antara IPT Malaysia Ke-38 yang merupakan usaha untuk menjadikan Kejohanan Golf IPT Malaysia sebagai kejohanan rasmi untuk semua institusi pengajian tinggi di Malaysia.

UPM Bolot 4 Emas Taekwondo, 3 Emas Boling Padang

Oleh Khairul Ihsan Shah

NILAI – Empat atlit Taekwondo UPM berjaya meraih empat pingat emas acara Sparing dan Poomsae dalam Kejohanan Sukan MASUM 2010 Fasa 2 dari 23 hingga 30 Mei lalu di Universiti Sains Islam Malaysia (USIM) di sini.

Pingat Emas disumbangkan oleh Nicholas Nathan dalam acara Sparing Middle Lelaki, Nur Amirah Inani Sabri (Sparing Fin Wanita), Rachel Chua Yin Tse (Poomsae Individu Wanita) dan Poomsae Wanita berkumpulan. Gangsa disumbang melalui acara Sparing Light lelaki.

Sementara itu seperti yang dijangkakan, pasukan Bola Keranjang Wanita UPM

mempertahankan pingat emas tiga tahun berturut-turut dengan mengalahkan Universiti Utara Malaysia (UUM) 62-32 di Stadium Tertutup Nilai.

Ketua pasukan, Claudine Kok Hui Yinn berkata kemenangan dicapai hasil persiapan awal pasukan yang berjaya menunjukkan prestasi yang baik.

Pasukan Boling Padang Wanita UPM menambah koleksi pingat emas apabila berjaya merangkul tiga pingat emas sementara pasukan Boling Padang Lelaki UPM menyumbang tiga pingat gangsa.

Sebanyak 8 acara dipertandingkan dalam Fasa 2 iaitu Boling Padang, Bola Baling, Bola Keranjang, Catur, Futsal, Pencak Silat, Taekwondo, Bola Sepak dan Bola Jaring.

Dr. Amini Amir Abdullah
Fakulti Ekologi Manusia
Universiti Putra Malaysia

MIMBAR TRIBUN
SAYANGILAH RASULULLAH S.A.W



PERANAN INTELEKTUAL PERKASA PENGAJIAN TINGGI NEGARA

Pertama kali saya berjumpa dengan YM. Raja Dr. Nazrin, Raja Muda Perak ketika menerima ijazah dalam Majlis Konvokesyen Universiti Malaya pada tahun 1990. Ketika itu baginda bertitah menasihati graduan agar kembali ke pangkuan masyarakat untuk menabur budi, jasa dan bakti setelah memperolehi ilmu di universiti. Baru-baru ini pada 16 Julai 2010 saya berpeluang sekali lagi mendengar titah ucapan baginda dalam majlis anjuran AKEPT iaitu Siri Syarahan Tokoh Ternama Akademi Kepemimpinan Pengajian Tinggi di Hotel Royale Chulan, Kuala Lumpur bertajuk "Pemimpin Membentuk Pemimpin: Ke arah Kecemerlangan dan Persaingan Global di Institusi Pengajian Tinggi". Turut hadir dalam siri syarahan pada kali ini ialah YB. Datuk Saifuddin Abdullah, Timbalan Menteri Pengajian Tinggi; Tan Sri Dr Wan Mohd Zahid Wan Nordin; Pengerusi Lembaga Penasihat AKEPT, dan Tan Sri Sidek Hassan; Ketua Setiausaha Negara.

Sebagai seorang yang bijak, berani, telus dan tegas, Raja Nazrin menyarankan agar muzakarah dan munaqasyah mengenai bidang pengajian tinggi sentiasa digalakkan agar ianya sentiasa bermomentum kerana bidang pengajian tinggi bukanlah suatu "produk yang muktamad". Baginda juga menyarankan agar institusi pengajian tinggi di Malaysia membandingkan dan bersaing dengan universiti-universiti ternama di luar negara jika mahu menjadikan Malaysia sebagai hab pengajian tinggi.

Titah beliau lagi, sebarang usaha pengantarabangsaan IPT perlu seiring dengan usaha menangani globalisasi dan mengikut senario semasa. Baginda merujuk kepada Emerging Global Model (EGM) untuk universiti-universiti penyelidikan bergerak pantas sebagai institusi utama yang menyumbang kepada kemajuan sosial dan ekonomi negara. Strategi kerjasama kesarjanaan dan intelektual serta penggabungan kepakaran dan idea dengan universiti antarabangsa dapat merealisasikan kecemerlangan IPT dan memperkasa persaingan di peringkat tempatan dan persada antarabangsa. Di samping itu, tumpuan mestilah diberikan juga kepada disiplin dan ilmu yang kritikal dan penting agar ia lebih bermanfaat kepada semua.

Namun demikian, dalam keghairahan menggalakkan pengantarabangsaan, inovasi dan penyelidikan berimpak tinggi, pengajaran dan pembelajaran janganlah diabaikan. University of Oxford masih lagi mensasarkan sebagai peneraju utama dalam pembelajaran dan pengajaran walaupun ia adalah di antara universiti ternama di dunia yang menumpukan kepada aspek penyelidikan. Apa yang menarik ialah contoh yang diberikan oleh YM. Raja Nazrin mengenai inisiatif bersama tiga buah universiti di Belanda iaitu University of Twente, Delft University of Technology dan Eindhoven University of Technology yang mengurus pengajian siswazah secara bersama melalui kerjasama merentasi sempadan organisasi.



Titahnya lagi, IPT perlu mempunyai model urustadbir dan amalan pengurusan yang tidak terlalu rigid kerana ia boleh menghalang IPT daripada bergerak dan maju ke hadapan. Beliau juga menyarankan agar rakyat diperlengkapkan dengan kemahiran berfikir secara logikal, bertindak berasaskan kewarasan, inovatif dan kreatif. Pembentukan modal insan berilmu dan inovatif untuk persaingan ekonomi global boleh dilakukan oleh Institusi Pengajian Tinggi (IPT) melalui satu transformasi tuntas dan ejen perubahan yang berkesan. Malaysia berada pada kedudukan ke 11 di dunia daripada segi destinasi popular untuk pelajar-pelajar antarabangsa dengan jumlah seramai 70,000 orang. Baginda juga mencadangkan perkongsian intelektual (brain sharing) untuk mempertingkatkan keberkesanan pengurusan modal insan dalam sektor pengajian tinggi. Pendemokrasian pendidikan melalui konsep pembelajaran sepanjang hayat masih lagi relevan demi untuk memenuhi keperluan dan kehendak industri.

Tiga strategi untuk memartabatkan standard pengajian tinggi mengikut tuntutan pasaran semasa ialah menyelesaikan permasalahan stigma sosial mengenai profesion kolar biru. Strategi kedua ialah untuk memastikan bahawa mereka yang terbukti mempunyai kelayakan akademik yang istimewa mutunya untuk terus berada dalam sistem pengajian tinggi dengan diberikan insentif kewangan atau bukan kewangan untuk membolehkan mereka merealisasikan potensi yang ada pada diri mereka sendiri. Ketiga, relevansi praktikal sesuatu ilmu perlu diterapkan dalam teras kurikulum untuk menggerakkan pendidikan bersepadu.

Baginda juga menyarankan betapa pentingnya diwujudkan keseimbangan antara ekspektasi kerajaan dan autonomi universiti. IPT juga perlu bersedia memberikan respons kepada ekspektasi pihak luar. Kecemerlangan pengajian tinggi memerlukan kerjasama erat antara IPT dengan pihak awam dan swasta dalam penyelidikan dan latihan. Penyelidikan dalam bidang kemanusiaan dan sains sosial pula tidak patut dikorbankan dalam menjana kepesatan penyelidikan dalam bidang sains dan teknologi kerana asas sains sosial adalah penting untuk masa depan negara.



Students Performed Charitable Work at Lembah Bujang

10

Ziarah Ramadan Bantu Pelajar

15



UPM Achievements

'Excellent' Score (Tier Five) for 18 Varsities

PUTRAJAYA - Eighteen higher education institutions achieved Tier Five or "excellent" status in the Rating System for Malaysian Higher Education 2009 (Setara).

Seven of them were public universities and the rest were private universities.

The public universities are Universiti Putra Malaysia, International Islamic University Malaysia, Universiti Kebangsaan Malaysia, Universiti Malaya, Universiti Sains Malaysia, Universiti Teknologi Malaysia and Universiti Teknologi Mara.

Another 25 institutions - 14 private and 11

public - were classified as Tier Four or "Very Good" while four achieved Tier Three or "Good" status.

No institutions managed to get the highest classification of Tier Six, said Higher Education Minister Datuk Seri Mohamed Khaled Nordin when announcing the Setara results.

"Those in Tier Five will receive incentives like being able to enroll local and foreign government sponsored students, have access to government grants and can determine their postgraduate student intake," he said at a press conference.

Mohamed Khaled added that Tier Five private

institutions would also be exempted from certain provisions in the Private Higher Educational Institutions Act 1996 (Act 555).

They need not have to apply for teaching permits for lecturers, can determine the salary of foreign lecturers and set course fees.

Apart from giving education providers a clear picture of their standing, the Setara results would be used as a basis to improve higher education policies, he added.

When tabling the 10th Malaysia Plan, Prime Minister Datuk Seri Najib Tun Razak announced

that Government funding for public universities would depend on a varsity's performance in Setara.

Meanwhile, Universiti Putra Malaysia, Universiti Malaya, Universiti Kebangsaan Malaysia and Universiti Sains Malaysia retained their status as research universities for another three years beginning this year, Datuk Seri Mohamed Khaled Nordin said.

He said the decision to retain their research university status was based on the audit report for the year 2007 to 2009.

- The Star

Dr. Tan - Winner of Young Scientist Award in Shanghai

By Mohd. Faisal Md Noor

SHANGHAI, 7 July - A lecturer from the Faculty of Food Science and Technology Universiti Putra Malaysia (UPM), Assoc. Prof. Dr. Tan Chin Ping brought home a prestigious award at the 2010 Prosper.Net-Scopus Young Scientist Award in Sustainable Development held recently in Tongji University, Shanghai on July 5th, 2010.

He was declared a winner based on the collective number of cite and h-index including high number of publication and under the 'Agriculture and Food Security' category.

He received USD 1,000 cash prize and a fellowship from the International Bureau of the German Ministry of Education to fund his one-year research at any university of his choice in Germany.

"Dr. Tan has published a number of 100 scientific articles in prominent international journals, 4 books, 3 patents, and presented more



Dr Tan receiving prestigious award from Prof. Zhang Jianhua, Hong Kong Baptist University.

than 120 papers in international conferences, recipient of 30 international and local awards and he has received 25 research funds from various agencies.

"His research is focused on the expansion of green process technologies and the processing

of palm oil as well as food manufacturing.

This year's award is sponsored by Elsevier and awarded to young researchers and scientists of less than 40 years old who are constantly contributing to research activities in the Asia Pacific region.

UPM Awarded by Selangor Zakat Board

By Irma Fahri Shahrizan

SHAH ALAM - Universiti Putra Malaysia (UPM) was awarded with the 'Anugerah Prestasi Peningkatan Pembayaran Tertinggi Penolong Amil IPTA 2009' in the 2009 Alms Collector Award Ceremony by Selangor Zakat Board (LZS) recently.

Deputy Vice Chancellor (HEPA) of UPM, Prof. Dr. Mohd Fauzi Ramlan represented UPM in receiving the award presented by the Chief Executive Officer of LZS, Mohamed Izam Mohamed Yusof at De Palma Hotel Shah Alam.

"UPM has successfully increased the number of alms payer to 40.42 % or 487 as compared to the previous year.

"I'm deeply grateful towards UPM staff for fulfilling their duties through UPM Zakat Fund," he said.

The event was attended by 70 alms collectors and was held in



Deputy Vice Chancellor (Student Affairs & Alumni) Prof. Dr. Mohd Fauzi Ramlan receive the award presented by the Chief Executive Officer of LZS, Mohamed Izam Mohamed Yusof.

appreciation of these agents and their contribution for the management of alms in Selangor.

12 awards were given out to

a number of collector agents who have gathered high amount of alms, highest alms payee and also for the highest collection.



The Crown Prince Perlis Tuanku Syed Faizuddin Putra presenting Mohd Faizan Zolkifli the Best Officer Cadet award (Army).

Faizan, Norashikin-Best Officer Cadets for IPTA PALAPES

By Noor Eszereen Juferi

GEORGETOWN - The Crown Prince of Perlis Tuanku Syed Faizuddin Putra awarded two students from the Universiti Putra Malaysia (UPM) with the Best Officer Cadet award to Senior Under Officer Mohd Faizan Zolkifli (Army) and to Senior Officer Cadet Norashikin Anjur (Navy).

Faizan is a student of Bachelor of Science Human Resource Development, Faculty of Educational Studies and Norashikin Anjur is a student of Bachelor of Agriculture (Aquaculture), Faculty of Agriculture and they were among 1,130 officer cadet from the reserve officers training unit (ROTU/ PALAPES) during the ROTU Officer Cadet Royal

Commissioning Ceremony held at the Universiti Sains Malaysia (USM).

A number of 70 officer cadets of UPM PALAPES were commissioned this year under the Army and Navy categories.

In addition, Tuanku Syed Faizuddin stressed in his speech that the country is in constant needs of human resources that are made of resilient, intelligent, strong-minded and bold in facing future challenges and to brace up for the country's defense.

"We have vast responsibilities in ensuring peace and unity of our country regardless of time and where we are," he said.